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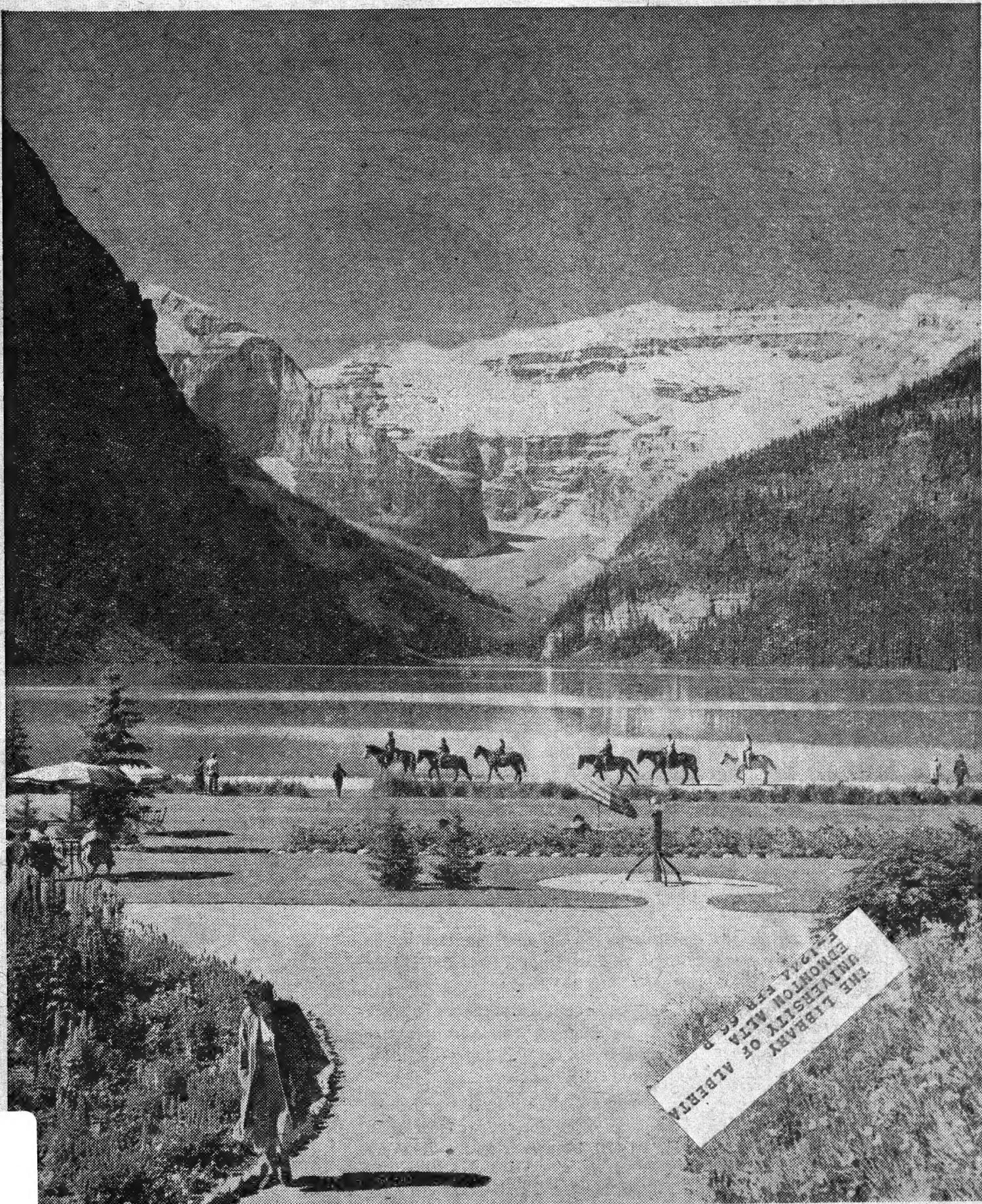
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Farm and Ranch REVIEW

JULY, 1952

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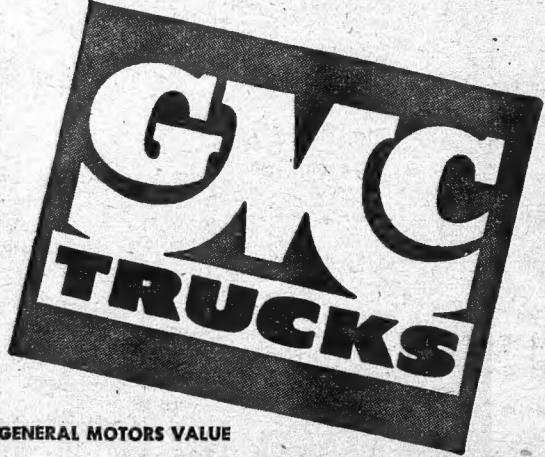
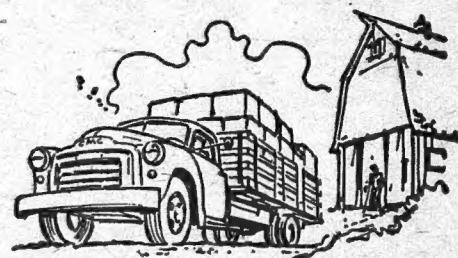
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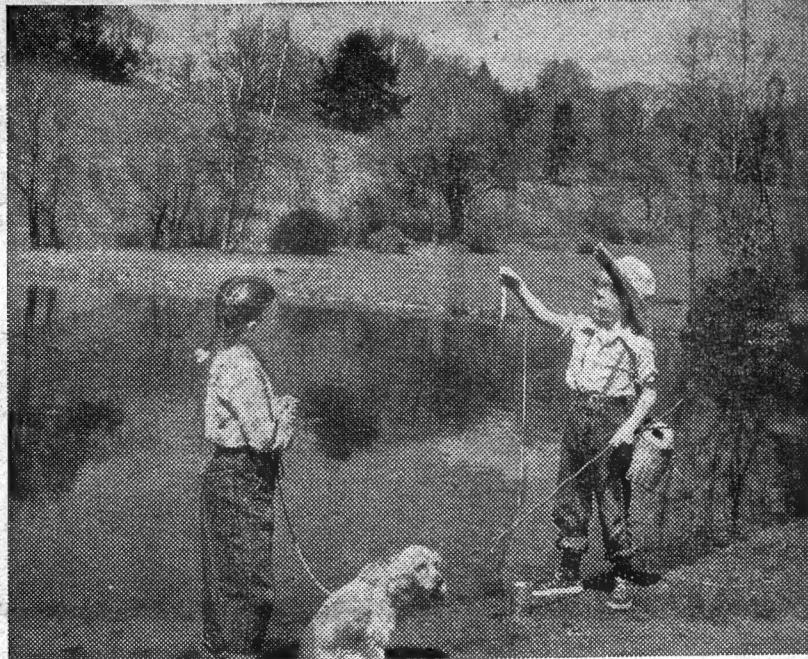
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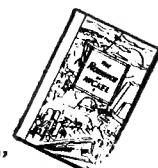


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The Farm and Ranch

Editorial Page...

The Tory's vote goes berserk: for Socialism and Social Credit

NEWSPAPER editors and other pundits who habitually read into election results what they wish to find in them, had themselves a field day in Saskatchewan. Yet it seems to us that the shrewdest, most accurate and unintentionally the most devastating comment of all was made by Alvin Hamilton, the Conservative leader, when he said:

"I am deeply sorry that no Progressive Conservative was able to get into the House to give a voice to the many thousands who would like to hear our point of view. Our supporters were frightened that to vote for their own candidate would mean the election of the Liberals."

These words might surely serve as a fitting epitaph on the grave of the Conservative party in the West. Here we have a once great party, which once stood for principles that appealed to great numbers of Prairie people, confessing to political bankruptcy.

What does Mr. Hamilton's statement mean? It means that the followers of the Conservative party have become so bemused and confused by the stupidity of Tory leadership that they will flock to the polls in Saskatchewan to vote Socialist! In Alberta, the Conservatives vote Social Credit and in B.C. Conservatives by the thousands were beguiled by the stray moonbeams from this minor lunacy.

Why? Because the Conservative party no longer has any semblance of a programme that will appeal to Prairie people. It has spent so much time conjuring up slick tricks with which it hoped to win elections that it has disgusted its following. In its promise of pie in the sky, it has tried to outshine the Socialists and Social Creditors. It has become the great "me, too!" party of Canada. It has tried to be all things to all men by being in favor of everything every other party is in favor of.

In its endless caravanning around the political stage, the Conservative party has done Canadian democracy a grave disservice. There ought to be a political haven some place for the Conservative-minded Canadian. There are some Canadians who heartily disagree with the speed with which the Liberal Government has been ushering in the Welfare state. There are those who think we should close down a host of government departments and reduce taxes. There are the old-fashioned "Canada Firsters" who love tariff protection. There are people who think that too many concessions have been won by organized labor.

There are a lot of people, in short, who would normally have been "Conservative." We are not arguing here that they represent a correct or even enlightened point of view. We argue that they exist and ought to have

some means of registering their viewpoint. With the complete default of the Tory party, they are left only the alternative of voting against the Liberals. To do so they must vote for Social Credit or for Socialism.

But Parliamentary democracy cannot function on any such illogical basis. Ours is a two-party system of government. Minority parties serve only to complicate the

system and in the end to destroy it. It is fundamental to Parliamentary democracy that there must be an alternative to the party in power. By its default in the western provinces, the Conservative party has nurtured the growth of third and fourth parties. It has cultivated and fertilized the provincial weed patches and then is astounded when it fails to harvest any Conservative party votes at federal elections.

These third and fourth parties that have come into power on the margin of Conservative support will not go out of business when the Conservatives want to run themselves. Alberta and Saskatchewan are proof enough of this. Yet the health of this democracy demands that the people of Canada have an alternative to the Liberal party. The only party with any possibility of providing this alternative is the Conservative party. But that possibility can never be realized until it has something more to offer the Canadian people than merely blind hatred of the Liberals.

Here's a riddle with a simple answer

AN old-time reader of the Farm and Ranch posed an interesting question in a letter to the editor in the June issue. It was concerned with the rise in costs and prices of farm implements. He quoted these figures: Since 1939 wages have increased 219.3%, raw material prices have risen 164.3%, while farm implement prices rose only 84.6%. What was the explanation?

Far be it from us to pose as experts on the economics of farm machinery production. Nor are we particularly happy about getting into arguments in which percentages are used. Such statistics can be accurate yardsticks for measuring results, or they can be woefully misleading. In this case, we assume that the former applies, that the percentages do reflect the true condition. There are a number of explanations and some of them are important.

The most important reason why the implement companies have been able to show handsome profits despite a lesser rise in prices than there has been in costs — percentage-wise — is volume. The year 1939 was still a depression year for agriculture. Prices were near the all-time low. We had not recovered from the disastrous crop failure of 1937. The implement business shared this depression and sales were low.

In order to stay in business, the implement companies and their dealers had to operate on a higher margin of profit. They had millions invested in plants and machinery. A few thousand implements had to carry the cost of depreciation, local taxes, bond interest, and the high cost of machine tools. During the war, when the companies went into armament production, they were able to modernize their factories and equipment. New techniques of production were devised. Wages naturally rose from depression levels with full employment and unionization of the plants.

During the war a great backlog of demand for farm equipment was built up. This demand was sufficient to keep the companies operating at full capacity for several years. Instead of one shift a day, some had to operate around the clock to fill orders. This meant that every unit that reached the hands of the farmer consumers carried less overhead expense, less depreciation, less advertising and selling cost.

The machine tools used in modern industry are fabulously expensive. They have to be paid for regardless of whether the factory turns out 1,000 tractors or 1,000,000 tractors. Suppose a factory invests \$1,000,000 in machine tools. If it only turns out 1,000 tractors, it must charge each tractor with \$1,000 as its share of the cost of tools. If it turns out 100,000 tractors it only has to charge \$10 to each tractor. Any company that bases its prices on the assumption that it will sell 100,000 units a year will show a staggering profit if it produces 200,000 units.

It seems to us these figures point a moral that the Farm and Ranch has been writing about for a long time — the way to get prices down is to increase production. Yet here on the Prairies, fact-blind governments and trades unions are resolutely moving in the opposite direction. Shorter and shorter work weeks are everywhere the fashion. If that is what the majority of the unions want, that is their business. But it seems folly to us to shut down our productive capacity, and force untold millions of dollars worth of plant and equipment to be idled in order to achieve it.

One of the important costs in construction, for example, is the cost of equipment. During our long hours of summer daylight, this equipment could be used at least 16 hours a day. That usage would cut overhead costs in half. Instead of being worked 100 hours a week, it is used only 40 hours. Hundreds of millions of dollars are invested in plants and office buildings. The cost of this space is charged to the things we buy. The costs operate around the clock but it is in use less than a quarter of that time.

If the majority of the non-farm population of the country decides, rightly or wrongly, that it is only going to work 30 hours a week a case can be made out for this decision. But we submit that there is no reason whatever for everybody insisting upon **working the same 30 hours**. This is economic lunacy in its purest form. It saddles upon the country a prohibitively high cost economy. If it were followed in the mass production machinery industries, the prices of everything we buy would double overnight.

Farm and Ranch Editorials

Ask a silly question and get a silly answer!

THAT just about summarizes the exchange between the Farmers' Union and Rt. Hon. C. D. Howe in connection with the domestic sales price of Canadian wheat.

The Farmers' Union delegation went down to Ottawa with a silly proposal to tie the Canadian wheat price to the farmers' cost of living and cost of production. The farmers of the West have an iron-clad case to have Canadian wheat going into domestic consumption sold at the Class 2 level rather than the I.W.A. price.

The International Wheat Agreement was the result of efforts made by producing and importing countries to arrive at a price that would be mutually satisfactory. One of the objectives of the agreement was to get away from the ruinously low prices of the thirties and at the same time discourage importing countries from the uneconomic production of wheat. Though the agreement was not completely satisfactory to either side of the bargain, it very definitely achieved its main ends.

The importing countries, the customers, in return for the lower price, made certain commitments to buy minimum quantities of wheat. The exporting countries agreed to supply maximum quantities of wheat to the contracting countries within an agreed price range. Those countries which did not wish to come into the agreement, or those that needed more wheat than they had bargained for, could and did get their supplies outside the agreement at what came to be known as the Class 2 price. It was somewhat higher than the I.W.A. price.

The wheat producers have insisted all along that the Canadian wheat price to domestic consumers should be the Class 2 and not the international price. Canadian mills were not a party to the I.W.A. They did not guarantee to take any set quantities of wheat just as no Canadian consumer has ever undertaken to eat any given quantity of bread in any week, month or year. So logically and rightly the Canadian price should be the Class 2 price.

This is a simple, straight-forward proposition. It is one that can be argued quickly and squarely and it is, moreover, one that can be argued from a practical political level. So the Farmers' Union abandons it completely in favor of a wooly, nebulous proposal to tie the price to living and production costs. A more impractical proposal has seldom been conjured up, even in these days of passionate searches for complicated formulae for saying simple things.

The Farmers' Union proposal, we repeat, was downright silly. But that does not excuse the complete unfairness of Mr. Howe's reply. As Farm and Ranch readers well know, we regard Mr. Howe as one of the great Canadians of his generation. But we do not look for perfection even in great men. One of Mr. Howe's minor imperfections, which embarrasses his staunchest friends, is his curious penchant for talking now and then with his foot in his mouth. This was such an occasion.

His statement that he would not countenance the taxing of Canadian consumers

to bonus Canadian wheat growers was a particularly bad choice of words. The wheat growers are not asking for bonuses. They are not asking that consumers be taxed. They are asking that the highest-paid industrial workers in the world, barring the Americans, pay the world price for the wheat they eat. After all, they pay the going price for everything else they buy. The farmers pay the going price for everything they buy, from Canadian industry. Why should they be forced to take less in order to bonus Canadian consumers of wheat? All this is particular so in view of the fact that the cost of the wheat that goes into a loaf of consumers' bread is the least important factor in establishing the price he pays for it.

The moral in all this for the Farmers' Union ought to be plain. It is this: When you've got a good argument, stick to it; don't go beating the bushes for complexities with which to concoct an economist's formula which nobody will be able to untangle!

★

Alberta farmers subsidize their neighbors

ONE of the most popular arguments used by the advocates of Alberta's gouge-the-farmers' scheme for rural electrification is that it's wrong to "overcharge" urban users in order to "subsidize" farm customers. It's an argument that appeals mightily to the denizens of the cities and towns, despite the fact that it is transparently bogus.

But, for the sake of the argument, let's say that it is in fact a sound position. Then shouldn't it work both ways? Why should the farmers be "overcharged" for the construction of their power lines in order to "subsidize" the non-farm power users? That, in truth, is what is being done all over Alberta. The farmers are paying the total cost of bringing power lines to their farms. Because they are doing so, the lines pass in the neighborhood of hamlets and towns. The residents on the small acreages are getting power for less than a quarter of what it costs the farmers to get it. And if the farmers did not pay the full shot, these people would never get power.

Here is a case in point. One of the oldest co-operative power units in Alberta is located west of Calgary in the Springbank municipality. These farmers built their own power lines at a cost of \$750 each. Because they did, power is now being made available through this co-operative to residents on small holdings for \$125 each. In other words, the farmers are bonusing the non-farmers in order to enable them to get power.

This will create many interesting anomalies. Along the road which the line is run are farmers as well as small holders. The man who farms a quarter-section will have to pay \$750. The man who lives on 15 acres will pay \$125. It may be that in some cases it will cost more to take the power to the small holder than to the farmer.

One justification for this discrimination against the farmers is that they use more

power than the small holder. But in every other phase of economic life, it is always argued that the biggest users or best customers are entitled to buy things more cheaply than others.

We have no objection to anybody in Alberta getting power for as little as they can possibly pay. That applies to the lucky non-farmers who live along the power lines built by farmers, as well as to the farmers themselves. But we do most strenuously object to the hypocrisy of the apologists for what is light-heartedly called rural-electrification in Alberta. The fact of life in Alberta is that the construction of miles and miles of power lines by the farmers is a subsidy by the farmers of the non-farm power users of Alberta.

★

The life you save may be your son's!

IF you are an average farmer, the chances are your crop never looked better. Right now you may be starting to think about harvesting it a few weeks hence. Well, wouldn't this be a good time to just stop and think that you may not be alive to harvest this crop?

Between now and the end of harvest, scores of lives will be lost on these prairies in tractor accidents alone. Many of them will be farm boys. Many will be seriously injured in farm accidents. Many of these will also be farm boys and girls. How long is the dreadful and needless toll of injury and death going to go on before we are aroused to the danger of life on the farms?

From spring until fall our newspapers and radios report continuously on the death toll. But non-fatal accidents have become so commonplace that they are no longer news. We have a suggestion that may help in a small way to reduce this wastage of human life. Things are kind of quiet around the farm, now. So how about taking a couple of hours to do a little accident preventing. It wouldn't take much more than that to go around and tighten all the hitches, hammer nails in loose boards, repair pulleys and ropes and replace those emergency bailing wire repairs with bolts and nuts.

Farm boys love to drive tractors. They have a natural aptitude for the job. But remember in young minds familiarity often breeds contempt. What causes farm boys to have accidents with tractors? Over-confidence? Perhaps. Inexperience? Yes, but another cause may be lack of instruction and training in elementary safety rules. That means you. How about you and that boy of yours taking a little accident hazard tour of your farm? Get him really interested in safety and you can stop worrying about accidents.

You might also take him and in have a talk with your implement dealer about accidents. Chances are that if he doesn't have some useful pamphlets he'll have some good tips on accident prevention. The implement companies don't want you to get hurt with their machinery. That's not just because the dealer likes you, either. Accidents can give their equipment a bad name, even when the equipment is completely faultless. They try to make their machines as accident-proof as possible. But they have not yet succeeded in making them fool-proof. And a fool, in these days of farm mechanization, is a farmer who thinks that accidents just happen for no reason at all.

The "cat" experts give Reds top marks as "copy-cats"

CONTRARY to the current popular opinion, the Russians' keen knowledge of engineering and mechanics has been revealed probably for the first time in research on a track-type tractor which is a metric copy of a well-known U.S. manufacturer's machine.

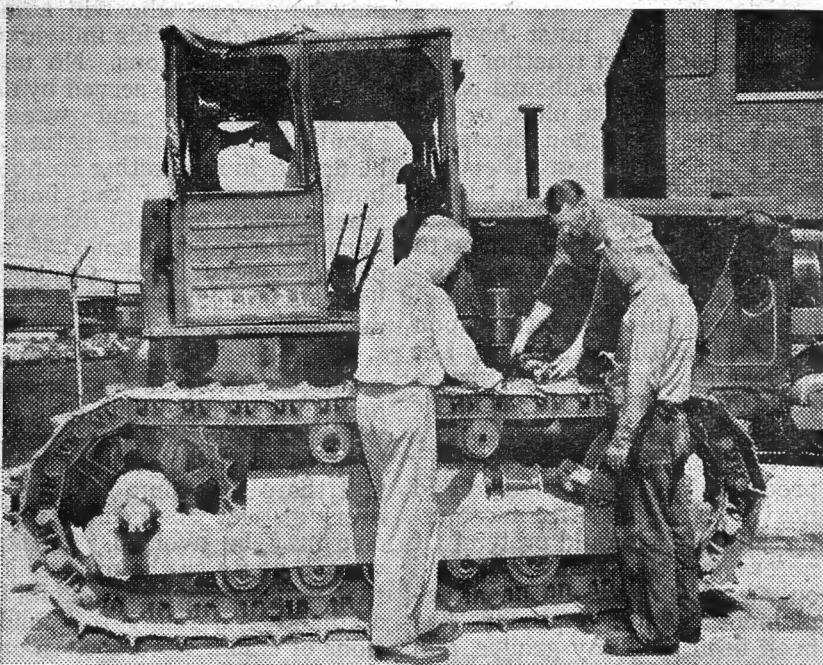
Two well-built Red tractors—the Stalinetz 80—have been given detailed examinations by the Research Department at Caterpillar Tractor Co., Peoria, Ill., and were found to be copies of Caterpillar's D7.

J. M. Davies, research director, said, "In our opinion, they are a well engineered, well manufactured copy, reflecting Russian practices, Russian machine

Caterpillar engineers believe the illegitimate cousin of their D7, Caterpillar's second largest track-type tractor, was copied from machines obtained by Russia under Lend Lease about ten years ago.

Concerning the metric dimensioning, Davies observed, "Considering all the parts which had to be changed, and also considering the tolerance and fits of each of these parts had to be changed to metric standards, this is an achievement reflecting no slight engineering skill."

He said proof that the Russians understood the principle of part interchangeability was shown by the fact that the actual Russian Diesel tractor



This is the Stalinetz 80, the tractor the Russians have made from Lend Lease equipment supplied a decade ago.

tools and the raw materials available to the Russians."

Inspection revealed these sobering facts:

1. The Reds redesigned the machine to fit more convenient metric dimensions — no mean engineering feat.

2. Appearance was unimportant. The parts are rough on the outside, but careful attention was given where part finish and close tolerance is needed. Anti-friction bearings are very good.

3. Although raw materials available differ slightly, metallurgy on the Red copy is very good.

4. The tractors probably were produced on an assembly line basis similar to Caterpillar's.

Davies said, "These machines were a great surprise to us. They are of much better quality than we had expected."

The two Red tractors were captured in a battered condition by troops in Korea. Because the pair were obvious copies of a standard Caterpillar D7, the Army's Corps of Engineers asked Caterpillar to make an examination. However, the information has been restricted until only recently.

engine operated by Caterpillar for tests was assembled from parts from two separate machines.

"The Russians know where to make parts hard and where to make them tough," Davies confided. "Hardness and toughness of their parts are about the same as we use."

He said Russian shop practices are quite different, however. Many of the finishes appear rough. From a casual inspection, their parts are not of as high quality.

"However, where close tolerances and good finishes are essential for satisfactory operation, the Russian part finish or tolerance is good," he said.

Davies said Caterpillar did not operate the complete tractor, but the researchers suspect that it would be more noisy and have a slightly shorter life than the Caterpillar machine.

He said, "We would criticize their manufacturing techniques on some parts and feel sure that the life of their machine would not be up to our standards.

"However, on the whole, we feel that it is a machine which would give satisfactory operation."

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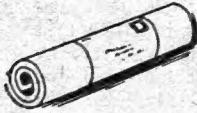
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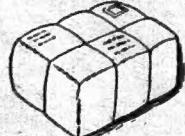
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Before you buy machinery think about your soil needs

By JOSEPH PAUL

THE endless list of interesting equipment offered to the modern farmer should, for simplicity, be classified into three main groups:

1. Articles which "will pay for themselves."
2. Articles which "you cannot afford to be without."
3. The everyday tools and implements required for farming.

It has been estimated that only one farmer in a hundred can afford all of the third group that he would like to have; so these notes will be concerned only with the items required for tilling the soil.

Every farmer must have a plow of some sort whether it be a moldboard plow, What Comes a disc plow, or the First?

to these, the one-way disc. Conditions may arise in any district when trash, weeds, and moisture combine to make some form of plowing necessary. In some districts plowing is still the foundation upon which other tillage is based. Let us assume, therefore, that some type of a plow is the first or basic requirement.

Now you start the interesting process of deciding what to add next. To make it even more interesting you should pretend (if necessary) that you can afford only one additional tillage implement. This approach has been used by many groups, and the choice which wins the most general approval is this: If the plow is a mold-board plow the second implement is a disc har-

row; if the plow is a disc plow or one-way the second implement should be a duck-foot cultivator.

Now assuming that your finances have improved and keep on improving, the most general agreement indicates you should add to your tillage implements in this order: Disc plow or one-way, duckfoot cultivator, diamond harrows, rod weeder, blade. Or, mold-board plow, disc harrow, diamond harrows, duckfoot cultivator, rod weeder.

Of course these lists should provoke a lot of argument, and, while they may

There Are No come close to Bad Implements suiting everybody, there

may be no one who will admit they are quite for his individual ideas and conditions. No useful purpose can be served by arguing that the rod weeder should be purchased before a blade. It is interesting to note, however, some of the implements which fell into disrepute during the years of soil drifting placed pretty high on these lists. Some explanation of this might be in order.

Each list has a disc implement placed either first or second. There are some districts where it may be seldom necessary to use a disc implement, and there are some seasons in every district when the use of a disc may be avoided. Perhaps we can agree to the proposition that a disc implement should be on hand and ready for conditions of trash, weed growth and moisture which make the use of other implements undesirable or impossible. There is less damage done by working moist



**NATIONAL FARM
SAFETY WEEK
JULY 20-26, 1952**

A guy who leaves
Guards off of gears,
Hasn't much
Between the ears!



NATIONAL SAFETY COUNCIL

fields with a disc than is done by working dry fields with other implements.

Diamond or drag harrows were pretty generally condemned during the '30's as a prime cause of soil drifting. In some cases they were still being used to break up dry clods to form the dust mulch which had proved to be such an effective protection against evaporation. It is not likely that drag harrows ever will be so badly used again. On some farms the drag harrow is seldom used, but it does fill a need at times for packing down freshly disturbed, moist soil, or for breaking a thin crust over moist ground. Under the right conditions it can prevent, rather than cause, soil drifting.

The main argument with the lists presented above, will be that they omit certain implements which some careful and observant operators have found very much to their liking. These could be added without argument if finances permit. But the important thing is the establishment of a line of basic implements which are essential to any programme of farming which will meet the varying requirements of each season.

Plenty of attention is being given to the matter of matching implements to the power of the tractor;

But the prob-

lem of matching the whole outfit to the land has not been so carefully considered. The one-way disc has always been pretty tricky on hillsides. The tendency toward wider swaths with these machines has definite limits where fields are rolling. If more acres are to be handled it is clear that good tillage will require an extra outfit rather than a wider swath. Or, if a farm must be divided into small fields of irregular shapes, the operator must choose equipment of a size to suit the land.

The cost of using big machines comes terribly high when they are the cause of delaying spring work while low spots are drying out; especially when work on the main part of the field is delayed past the time when it was in the best condition for tillage and seeding. Similarly a poor job on uneven fields is too big a price to pay for the speed obtained by ever-increasing size.

Now look back at the lists of tillage implements we have been considering. Just think limited how often the purchase of some of these items is postponed in favor of equipment for seeding, harvesting, or transportation; to say nothing of the selection of articles from the first two classes mentioned in the introduction.

The basic job of farming is tilling the soil. This simple fact has not been changed in any way by the so-called revolutionary de-

velopments of the last few years. Postponing the purchase of the essential tools in favor of things which are unnecessary, is like selling your best heifer to the butcher. But the ancients had a clearer way of explaining these things.

Pliny, who lived from the year 23 to 79, wrote a "Natural History" in which he records this story: ". . . Chresimus, a freedman, having found himself able, from a very small piece of land, to raise far more abundant harvests than his neighbors could from the largest farms, became the object of . . . jealousy . . . and was accordingly accused of enticing away the crops of others by the practice of sorcery . . . Apprehensive of being condemned, he had all his implements of husbandry brought into the Forum, together with his farm servants, robust, well conditioned, and well clad people, . . . The iron tools were of first-rate quality, the mattocks were stout and strong, the plow shares ponderous and substantial, the oxen sleek and in prime condition . . . "Here Roman citizens," said he, "are my implements of magic; but it is impossible for me to exhibit . . . those midnight toils of mine, those early watchings, those sweats, and those fatigues." Upon this, by the unanimous voice of the people, he was immediately acquitted."

Canadian quiz

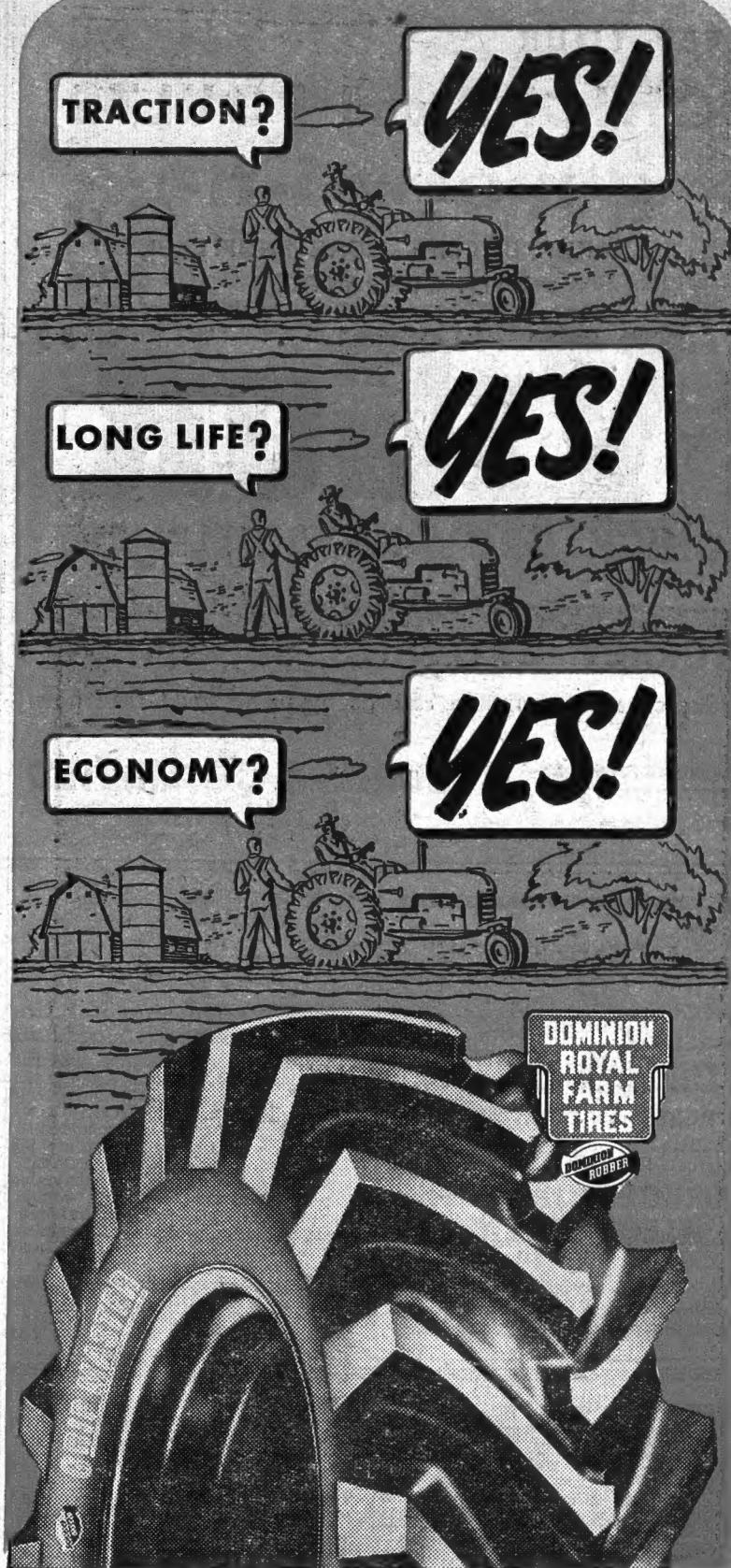
By GEOFFREY SHAWCROSS

1. Which Canadians discovered the Mississippi?
2. Where is the smallest international bridge in the world?
3. What is the fresh-water area of Canada?
4. Which was the first of the great railway systems to be owned and run by the Canadian Government?
5. When was that railway opened to traffic?
6. What is the area of the Northwest Territories?
7. When was such territory admitted to Confederation?
8. Who was the first white man to cross Canada from coast to coast?
9. What noted Air Force figure died last March?
10. With what great undertaking did he play a leading part in World War II?

(Answers on page 19)



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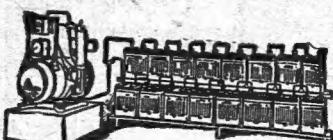
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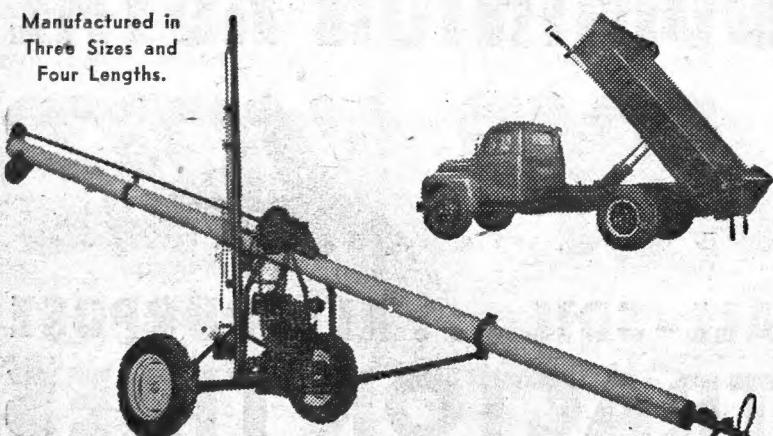
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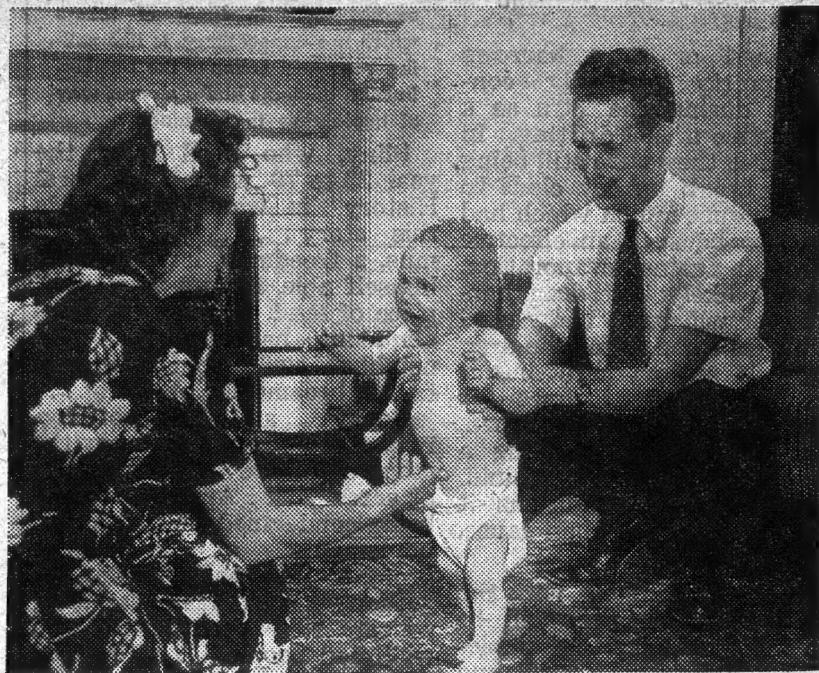


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By FRANK S. MORLEY, Ph.D., B.D.

MY theme is the story of Jesus and His disciples on the Mount of Transfiguration, a story which you will find in the Gospels of Matthew, Mark and Luke.

of God says, "Six days shalt thou labour." We just cannot build our country without work. We can't keep up with other nations.

Fear of the New

The most common fear, however, is neophobia — fear of the new. The disciples were afraid as all of us are afraid of new things. Mankind has always been afraid of the unusual. A headline in a Philadelphia paper read, "Prehistoric Skulls Sit At Council Table." The news report revealed that a meeting of anthropologists had made plaster casts of the Neanderthal Man and the Java Man and had placed them on the table. Sometimes I think it would be possible at every council table today, whether Church, politicians, or economists, to put that headline over their meeting: "Prehistoric Skulls Sit At Council Table."

Their next reaction was also typical. "Let us build here," said Peter. Mankind has always tried to stop civilization. We do not want to advance. So the Church tried to stifle Galilee, but he rose from his knees saying, "But still it moves." So Judge Jeffreys and his fellows tried to stop the growth of Labour Unions, but they grew despite opposition. Sometimes I think there are just two kinds of people in the world — those who live on their heels and those who live on their toes. Those who live on their heels are always dragging back, resisting advance, and those who live on tiptoe are always looking into the future.

Peter wanted to build three tabernacles, one for Jesus, one for Moses, and one for Elias. Thus he showed that he did not understand Jesus as merely one of the prophets. Jesus claimed to be "more than a prophet." Prophets were lonely men.

Do you think it strange that the first reaction of the disciples to the vision was fear? Most of us are afraid. A dictionary lists seventy-five phobias including acrophobia — fear of height, claustrophobia — fear of closed places, agoraphobia — fear of open places, pathophobia — fear of disease, erythrophobia — fear of blushing (we need not worry about this one!) and ergophobia — fear of work. There is no more destructive or prevalent fear today than ergophobia. Fear of work will destroy our democracy. The Commandment

They came to condemn the world, to recall mankind to the old ways, to proclaim the vengeance of the Lord, and to demand repentance before you went to Hell. Jesus came to redeem, not condemn, to call men to a new life, to proclaim not the curse of God but the beatitudes, the evangel—the good news—and to urge men to "repent for the Kingdom of Heaven (not Hell) is at hand."

"When they were awake," Luke says, "they saw His glory." They went to sleep! A driver in the United States was fined for sleeping at the wheel and causing an accident. Quite right! We, too, go to sleep at critical moments. What fools we are! Asleep before the most glorious events in the world's history! Oh, we are awake to the glories of other things. We break the second commandment constantly with our worship of eating and recreation and making money. We serve the gods of wealth, comfort, power, and pleasure. We have become materialists. No, even worse, secularists. God is written out of the world. We deny the reality of spiritual truth.

That is why we have so easily struck "Dominion" out of the name of our country. Do you know how it came to be there? It was originally from the Bible, "He shall have Dominion from sea to sea." True, it was not demanded by the British North America Act, although the opening paragraphs make several references to 'the Dominion.' But by tradition, by usage, by constant reference in our laws and statutes, by adoption at the time of Confederation, by reference in such documents as the Statute of Westminster, as well as by the vision of the Fathers of Confederation, Dominion is part of our heritage and name. Why? Not to show subordination. On the contrary. "Dominion status" became a mark of freedom. To show the idealism of our union. We have lost such idealism. We sneer at such thinking as the mere language of a preacher.

Well, it wasn't preachers who put it into our name. It was put there by great statesmen, greater than most of the politicians who are taking it out. But we are materialists and any idealism, anything of spiritual quality, is merely the subject for a sneer. So easily we let our inheritance go.

The disciples saw "His Glory." Never has history seen such glory as His! He was unique. Socrates was a martyr, but we don't worship Socrates. When Queen Victoria was crowned the Hallelujah Chorus was played and she was told she might remain seated. But she rose, holding her crown in her hands with bowed head, as the great Chorus saluted the "King of Kings and Lord of Lords." A missionary to the Zulus said his task was to bring "a more potent magic than the witch doctors." That is the Christian task everywhere.

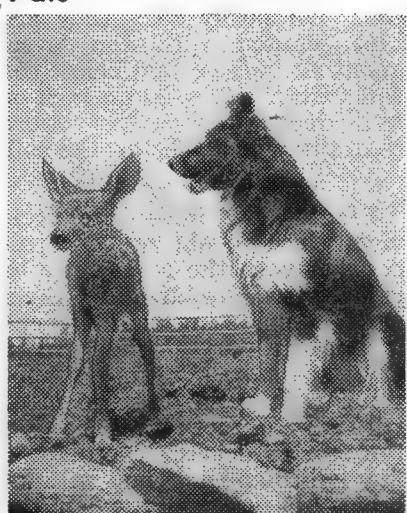
The Mount of Transfiguration illustrates the power of prayer. Martin Luther prayed all night before the Diet of Worms. Gladstone found his power in prayer. You, too, will find prayer your greatest power. An old lady was asked how she had enjoyed her first plane trip. "Very well, thank you, but I didn't put my whole weight down." Few of us do put our whole weight down in prayer. On the mountain Jesus put His whole weight upon God. He went up into the Mount—disgusted with the world; He returned to die for the world. He found power.

Yes, He returned to the world. That is the purpose of prayer. The monastic ideal is not the New Testament ideal of sainthood. Raphael's painting shows the glory of the mountain and the poor demented boy and his anguished father at the foot with the helpless disciples. Lanier wrote a poem about it: "Downward the voices of Duty call—Downward to toil and be mixed with the main." It was on that mountain that Jesus planned for His own death. He knew if He returned He must die. It was part of God's plan.

People talk about roads to radiant living. I know only one road. It is feeling that you are being used for a purpose of Almighty God. As we say in the catechism, "Man's chief end is to glorify God and to enjoy Him forever." Sorrow and tragedy come to every life. You can only be victorious in the confidence that God is using your life even in the things you think grim tragedy.

This is the lesson of the Cross. Victory not only in suffering, but victory through suffering. Long years ago, on the darkest night of the year, God raised a lonely Cross against a dark and gloomy sky and ever since that time men's eyes have turned to it and found peace and strength. They have believed that if they trusted God utterly, if they gave their lives entirely to Him, He would not forsake them. He would bring them through. This is the promise of the Mount of Transfiguration.

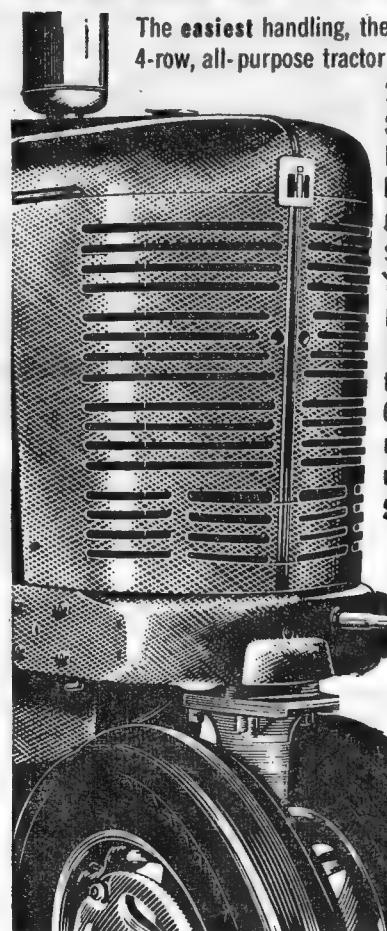
Pals



Mildred Wardlow, Box 522, Kelowna, B.C., sent us this picture of a deer and a dog getting along fine together.

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C. L. UPPER

The De Laval Company Limited, Peterborough, Ontario, formerly a subsidiary of The De Laval Separator Company, New York, announces the election of Mr. C. L. Upper as president.

This is the first time in the history of the Canadian company that a Canadian has been named to head it. It is a personal tribute to Mr. Upper and exemplifies the confidence the Board of Directors has placed in him and in Canada.

Mr. Upper has been associated with The De Laval Company Limited since 1935. He was Ontario sales manager, general sales manager, and then general manager before his election to vice-president in 1944. Mr. Upper is well known in the manufacturing and dairy industries across Canada.

Two other Canadians move into new positions with the company: Mr. A. Purdon becomes vice-president, and Mr. J. W. Harris, assistant comptroller.

Now all Canadian, The De Laval Company Limited, Peterborough, is part of a world-wide organization which originated the cream separator. Under Mr. Upper's direction, operations have been broadened in Canada in the production of milking equipment, dairy, creamery, cheese plant equipment and more recently all types of equipment required for the processing of milk from the cow to the finished product.

Further, De Laval Industrial applications embrace a very diversified field, including all types of oil purification for Land and Marine applications and a wide range of other equipment where the (industrial) use of centrifugal force is beneficial in quality production as well as savings in many industries.

Summer Fun



Mrs. Ethel Kerns of Wimborne won \$5 for this shot of the children cooling off on a hot June day.

Start planning right now for lots of Peonies next year

By H. F. HARP

THE season of Peony bloom in Prairie gardens generally lasts over a period of three to four weeks but this year, due to the unseasonable weather of April, the plants are flowering a full two weeks ahead of a normal season and indications are that the blooming season will be somewhat shorter than usual.

Enthusiastic gardeners have called the peony the "Rose of the North" — certain it is that no other perennial plant gives better returns than peonies. They are unsurpassed for garden decoration and cut flowers, free from insect pests and reasonably free from disease. They are among the oldest perennial plants grown, many of the popular varieties are a hundred years old.

The Chinese grew them more than a thousand years ago as food and medicine plants.

In the early seventeenth century the English apothecary used the seed of the peony to compound a prescription said to give relief to sufferers of "nightmare". An English gardener, writing in the year 1629, said of Peonies: "They are endenized in our gardens where we cherish them for their goodly flowers as well as for their physical virtues.

Culture of Peonies

Peonies have a preference for remaining undisturbed for a number of years, so that extra care should be given the preparation of the soil. The chosen site had best be clear of trees or hedges. Peonies that have to compete with these subjects for soil moisture and plant food will not fare too well.

The soil should be deeply dug adding a generous quantity of well rotted barnyard manure; if not available, a dressing of am-

monium phosphate (11-48-0), 4 ozs. per sq. yd.

Holes large enough to hold the roots comfortably and about eighteen inches deep should be taken out. The soil at the base of the hole should be loosened up with the garden fork, and a shovelful of rotted manure worked in. On no account should manure be allowed in contact with the peony roots.

Give Them Room

Where space is limited peonies may be set out two and a half feet apart each way, otherwise they are spaced three and a half to four feet. Mid-September is the best time for planting and the sooner the plants are set out after this date, the better. Spring planting is satisfactory if the stock is quite dormant.

Nurserymen lift peonies in the fall and store them in a root cellar ready for sending out in the spring. They should be planted as soon as the ground is dry enough to walk on. Depth of planting will depend on the soil. On heavy soils they are best planted with the 'eyes' about an inch or two below the soil. On sandy soils an inch or two deeper but never more than three inches below the soil.

Reviving Old Plants

Plants that have lost their vigor through old age or competition with the roots may be rejuvenated by dividing them and transplanting the divisions in another part of the garden. Choose a sunny day in September carefully digging the plant with all the roots intact. Allow the sun to dry the roots for a few hours so that they will not break off so easily when the plant is divided. Most of the soil can now be readily shaken from the roots and with the aid of a strong knife the old plant

is divided in portions having three to five eyes each. Roots having no eyes will not grow.

Record Their Names

A record of the names of the varieties should be kept in a garden book as knowledge of a variety's correct name adds interest and enjoyment.

Experienced peony growers will not expect typical blooms from newly set plants. Flower buds had best be picked off the first year. A good deal of patience is required before some varieties come up to catalogue descriptions.

Disease and Insect Pests

Aphids (Breen Fly) are seldom seen on peony plants but where they do show up control is easily obtained by using a teaspoonful of Black Leaf 40 per gallon of soapy water, thoroughly wetting the foliage.

In periods of very dry weather Thrips will suck the juices from the petals. A good spraying with tap water under pressure will give good control.

Ants

Peony growers are often alarmed to see ants scurrying over their peony buds. They are seeking the sweet nectar exuded by the opening flowers. Unless ants have made their home in the root of the plant there is no cause for alarm. The best means of eradicating them from the roots of plants is to spread a few teaspoonsful of Calcium Cyanide 'Cyanogas' about the base of the infested plant covering immediately with plenty of wet sacking. Allow twenty-four hours before removing the sacking. A second dose is sometimes necessary to completely wipe them out.

Peony Blight, (Botrytis)

Any wilting of the stems should be viewed with suspicion. Examination of wilted stems will show browning and decay at ground level if Blight is present. No time should be lost in cutting diseased stems an inch or so below the soil and carefully burning them.

Copper fungicides such as 'Perenox' and 'Fermate' have given fair control. The first application should be made when plants are a few inches high, a second when buds are first seen.

A covering of brush or corn stalks should be placed over the plants that have been cut down in order to trap snow for their winter comfort.

These varieties are able to withstand considerable abuse. They should be included in every prairie garden collection.

Pinks —

Mons, Jules Elie.
Sarah Bernhardt.
Lamartine.

Whites —

Festiva Maxima
La Lorraine
Boule de Neige
Couronne d'or

Reds —

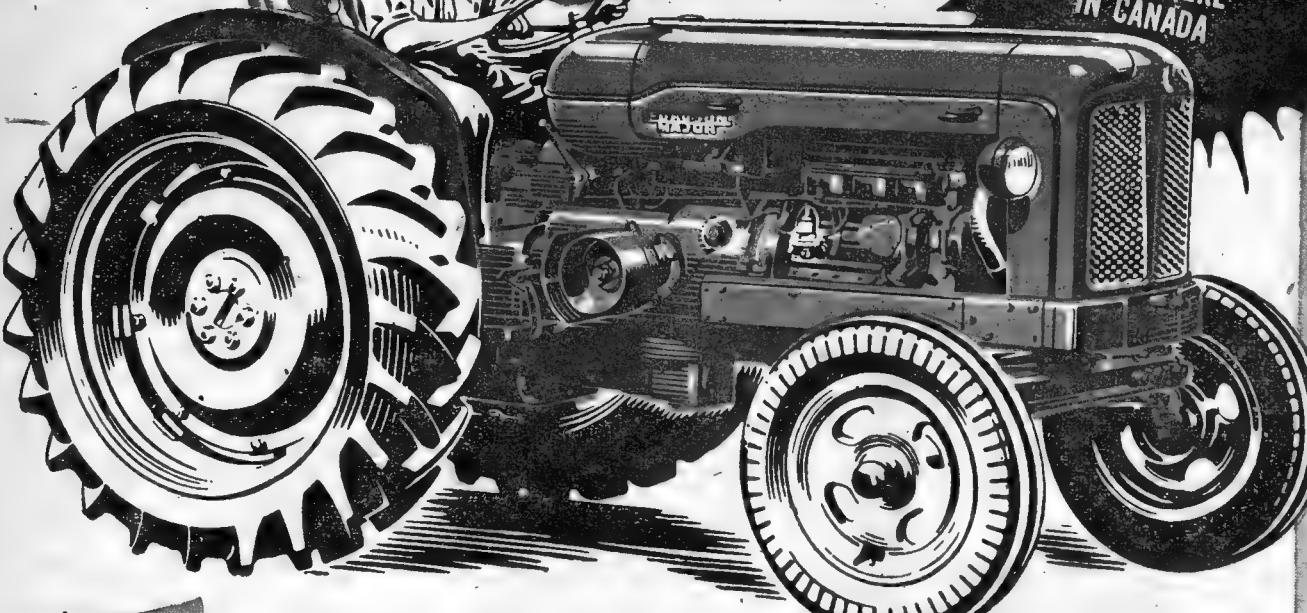
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Karl Rosenfield
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Grover Cleveland

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- Cartridge-Type Oil Filter
- Removable Wet Cylinder Sleeves
- Aluminum Pistons
- 5 Bearing Crankshaft
- 15 Gal. Fuel Tank with safety reserve
- Centrifugal & Vacuum Operated Distributor
- Pressurized Cooling System
- 12 Volt Electrical System
- Electric Starting
- Full Lighting System
- Electric Horn
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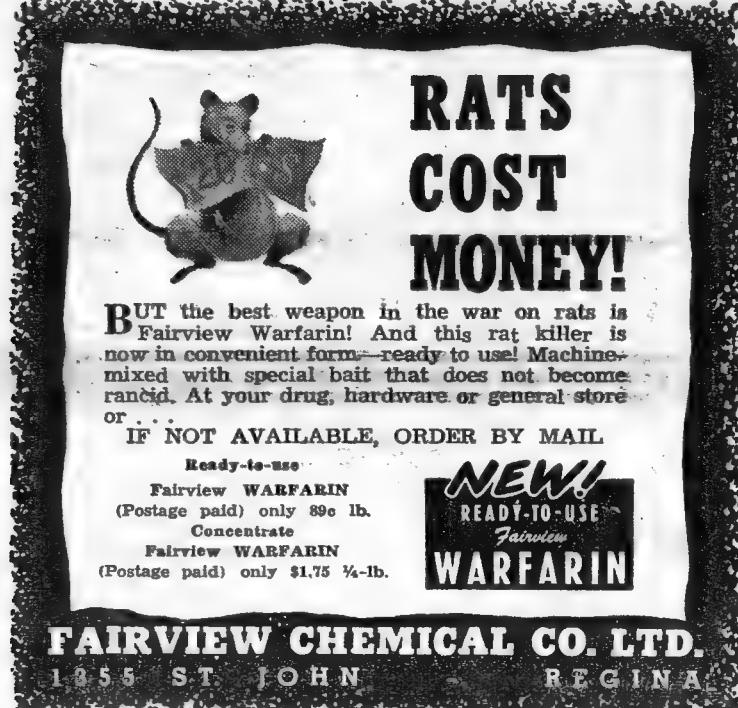


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The world's zaniest sport— Hunting rattlers with arrows!

By KERRY WOOD

MY supper was spoiled last night by a couple of friends who fetched a dead snake for me to see. It was nearly five feet long and round two inches thick, with the usual serpentine head of evil outline that didn't help my appetite at all. A diamond pattern was etched on back and sides, making us wonder if it were a Diamond-backed Rattler. But the tail was small and pointed, with no rattle growth in evidence.

We don't get snakes of this size and type in our home district at Red Deer, yet the reptile had been killed in our town next the railway freight sheds. The theory is that the poor creature was transplanted from its home area via a box car, slithering out at our town to meet up with some stick-armed small boys. Despite much searching through encyclopedias and general reference books, we couldn't identify the reptile, though I have a hunch it was a harmless Bull Snake from the Medicine Hat country.

The Shudders

While I know that most snakes are beneficial creatures, I cannot help an involuntary shudder when I first sight one. We have only the harmless Garter Snakes around my home district, and during the last dozen years these pretty little reptiles are seldom seen. If you walk the edge of marshes or stream banks, you occasionally startle one into view; at such times I have tried to watch them by means of binoculars to learn something of their habits and have seen them devour mice and insects. On the debit side, such snakes occasionally find and eat the fledglings of beneficial ground-nesting birds. Most authorities on reptiles give them a good report as useful creatures.

Few Bites

Naturally, poisonous serpents

are not liked by humankind. We have Prairie Rattlesnakes at various parts of south-eastern Alberta and south-western Saskatchewan, while rattlers are also found in the lower Okanagan country. People who live in rattler districts tell me that the snakes are beneficial, as they prey mostly on ground squirrels and gophers. But any time a rattler is sighted, the hue and cry is raised and men seek to destroy the snake on the spot. Farmers dislike rattlers because of the threat to livestock and the danger to their children. In actual fact, few people are ever bitten by poisonous snakes in Western Canada, because the reptiles avoid contact with humans whenever possible. Accidents do happen at times, but there have been no human deaths as a result of snake-bite in Alberta for many years.

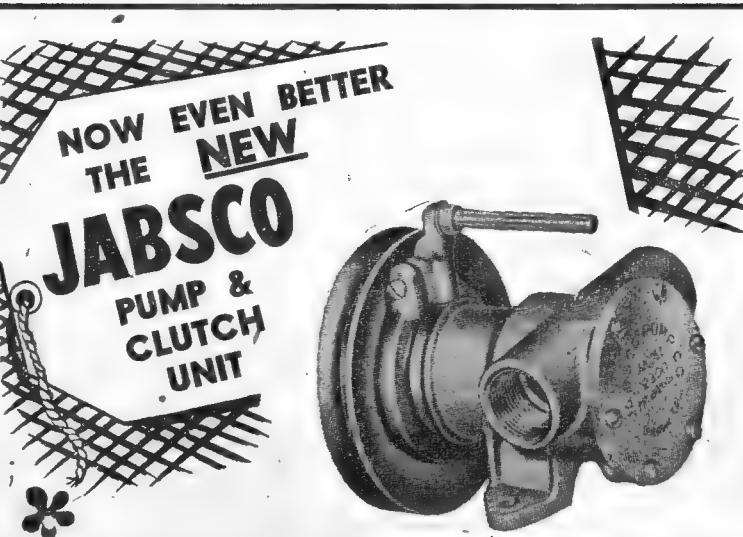
As a boy, I nearly stepped on a large rattler in the Lethbridge sand dunes one time, and still remember that the snake was much more frightened than I was — which is saying a great deal! Then, as a lad of twelve and while hunting rabbits with a bow'n'arrow, I walked the frozen bed of a creek in the Red Deer district one warm October day and suddenly sighted dozens of snakes. It was near a railway embankment, where large slabs of rock had been piled to prevent water erosion during creek floods. There were many crevices and holes behind those slabs, and at that moment, something like six dozen Garter snakes were sunning themselves on the rocks next the creek. You can imagine the feelings of a boy confronted by that crawly sight. It was a hibernation gathering of the snake clan, where they'd spend the winter in holes and crannies among the rocks, but on that warm day they were enjoying one final bask in the sunshine before winter.

Since then, friends have told of finding concentrations of Garter Snakes totalling several hundred reptiles, while policeman Bill McKenzie of Medicine Hat reports that rattlesnakes gather by the score and hundred to hibernate on the banks of the South Saskatchewan River near that city. Snakes of the Garter and Rattler family are sometimes found in massed balls during the hibernation period, as many as five hundred snakes intertwined in a writhing mass lying in a large cave. Cattlemen finding such snaky concen-



This is Bruce McKenzie of Medicine Hat with a handful of rattlers he and his brother, Bill, shot with arrows.

snake-bite in Alberta for many years.



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trations have been known to set off a charge of dynamite to destroy the reptiles.

Dangerous Sport

Incidentally, Bill McKenzie and his brother Bruce and some daring friends practise what must be one of the most dangerous hunting sports known in Canada. Every autumn, they hunt rattlesnakes armed only with bows and arrows. They have bagged over 40 rattlers during a single afternoon's hunt. The men walked the banks of the river, where rattlers gather during September in readiness for the winter hibernation. When a snake is sighted, the hunters shoot in the general direction of the reptile. The thud of the arrow landing near the snake makes it coil, and once the rattler is coiled, the archers hurry close to shoot an arrow at the triangular head and kill their victim. Farmers and ranchers of the region cheer on this dangerous sport, keen on having the countryside cleared of the poisonous serpents.

Garters and Rattlers breed at the end of the hibernation period, before scattering on their lone forays across the wide landscape every spring. While some snakes lay eggs, in the case of the two species named the eggs are carried internally and the young are born alive. The mother acts as guardian of the tiny snakes for a short while. And you'll meet many men who claim that the mother snake swallows the young when danger threatens, although scientists claim this is not a fact. I'm not trying to start any controversy on the topic, so you can believe what you wish and welcome.

Have you ever seen a snake swallowing a victim? The reptile's jaws are hinged together by means of an elastic muscle, permitting a terrific expanse of jaw to swallow a large mouthful. A mouse or gopher is invariably swallowed head first, the backward sloping teeth of the reptile helping to push the victim deeper down its throat. Once in the snake's stomach, strong digestive acids start working on the meal while the reptile seeks a quiet refuge to rest during this period. Snakes can fast for long intervals after a single heavy meal.

In conclusion, if you ever get bitten by a poisonous snake, apply a tourniquet or tight binding on the Heart Side of the bite at once. Then open the wound, using knife or razor blade to make it bleed freely. If a cutting tool is not available, suck the wound at once — providing you have no mouth ulcers or cut lips. After the bitten area has bled freely, douse it with a strong caustic such as ammonia. Do not ease up on the tourniquet until after the bite has been opened and bled and cauterized. Go to a doctor as soon as possible.

If a Garter Snake bites you, put iodine on the wound and it should heal in a day.

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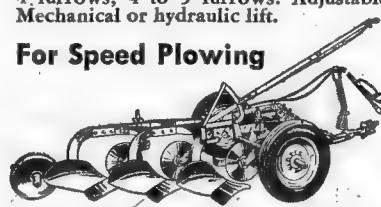
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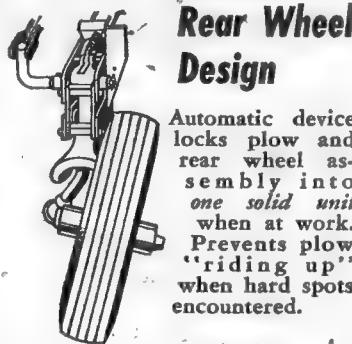
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praise and reward. He wants to be acclaimed as a do-gooder. He hankers to be recognized by his fellow humans as a benefactor.

The pressure is heavy. This tells us that he will insist that his way of doing good is the right way and, possibly, the only way. He tends to be intolerant of others' philosophies and beliefs, especially if they contradict his.

Note the inflated upper loops of the "h" and "t". We are informed that he is generous and kindly, but pretentious. He makes his contributions to society rather noisily. And he usually feels that others are getting more recognition for their good deeds than he is. We might call him a jealous do-gooder.

Observe the loop of the letter "t". Our writer is not nearly as straightforward as he would have us believe. He goes about his affairs, harboring secret ambitions and notions. His actions are heavily shaded by ulterior motives.

Bad Taste

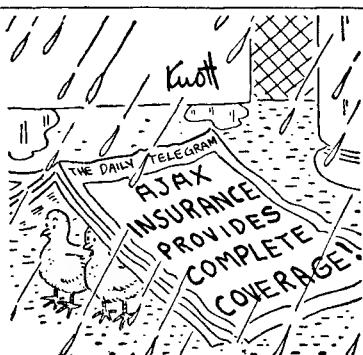
Now note the t-bar. It is shaped like an umbrella or cover. We know that our writer is condescending in his do-gooding. If he does you a favor, he will let you know that he is going out of his way to do it. He will let you know that you are indebted to him. He may go further and make you feel somehow humbled and humiliated by his favor to you. You get the impression that he is smug and complacent. You leave him with a bad taste in your mouth.

Verily, this writer is honest and not ill-disposed, but very, very far from saintliness.

Let's take the word "humility" once again.

Humility

This writer is still honest. Everything we said about probity still holds. But, note the way the letter "y" stands separated from the rest of the word. And note especially the leftward-curving last stroke. When you deal with such a writer, get everything down in black on white and have the document notarized, for the writer is subject to sudden changes of mind. If it's a deal you are discussing with him, he may agree to everything and you will feel that everything is settled. The next morning, you may get a phone call from him calling the whole thing off. Such writers are notorious for having last-minute changes of heart.



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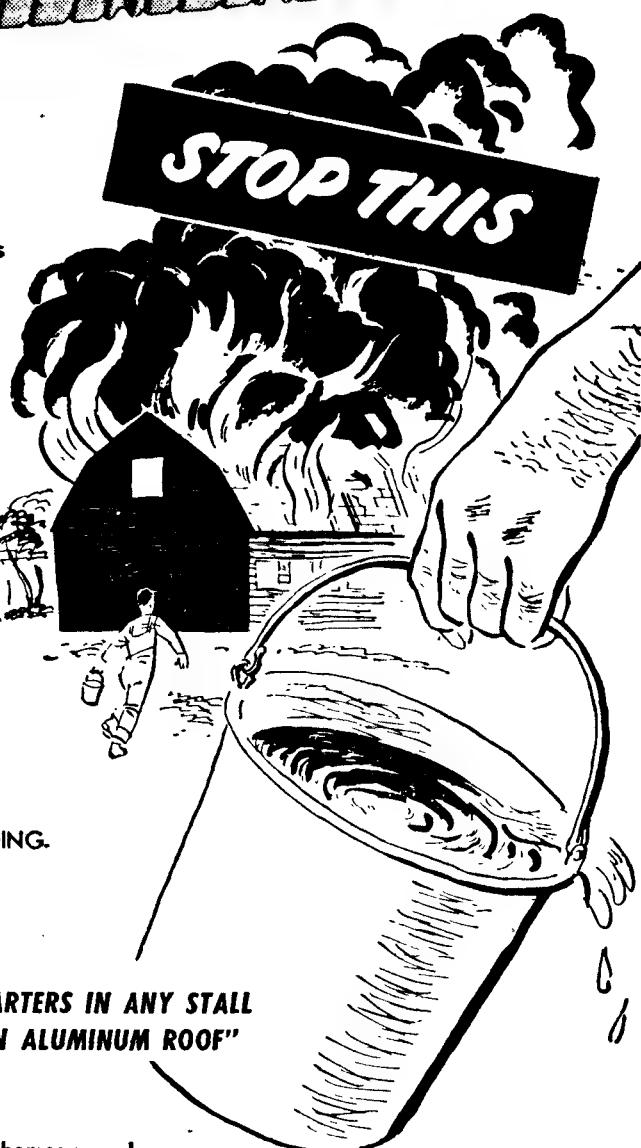
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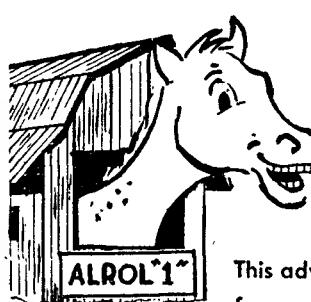
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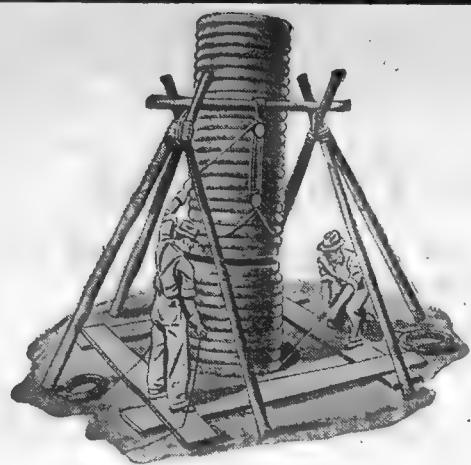
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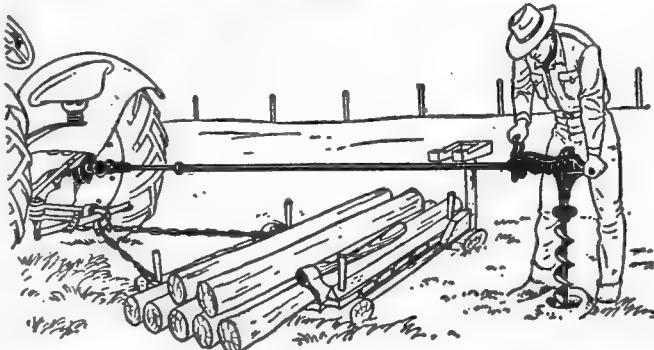
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MONEY BACK GUARANTEE

Careful cooling spells good milk

BY TOM LEACH

IT doesn't require a million-dollar barn to produce clean, sweet milk in the summer. What it does take is the desire of the farmer to obtain the highest grade and the extra returns which good milk and cream will bring on his milk check.

Every spring and summer, as the thermometer creeps upward, the milk graders find more and more cans coming into the dairies with a slightly sour odor. A whiff of the milk at the instant the lid is taken off the can will almost tell the grader what day of the year it is. Summer heat brings with it the problem of sour milk. That is not necessary. The farmer does not have to lose out on his grade because of the warmer weather and members of the Fraser Valley Milk Producers' Association have proved it almost 100 per cent.

The 3,000 shippers of this Association have had their milk tested in their own laboratory for many years. When testing first started they always had a growing number of cans of sour milk as summer approached but over the past ten years this has been eliminated. Seldom now, is any shipper penalized for sour milk.

The system which they put into operation worked so effectively that the public health department set up a similar plan for all other dairy farmers shipping milk to Vancouver dairies. The F.V.M.P.A. have their own testing laboratory which picks up samples of milk at regular intervals from each farm as the milk arrives at the dairy. Besides making a check on the fat content they check the number of bacteria in the milk. It is the bacteria which cause the milk to sour and if the numbers reach the danger point the farmer is notified immediately and a field man calls at the farm to help find the source of the trouble.

Present regulations require that milk from every farm which is shipping to the Vancouver dairies be checked at regular intervals for bacterial content. The work is done by dairy chemists and when samples show a high or dangerous number of bacteria, the name of the shipper is turned over to the inspectors of the B.C. Department of Agriculture. Two men are kept busy most of their time at this season of the year visiting the farms which are approaching or have run into trouble.

During the winter time they find cases where the numbers of bacteria in the milk are high but they say that nine times out of ten they know before they go near the farm that the persistent malady, mastitis, is the cause of the trouble. Cooling milk in the winter seldom presents any problem and that is the biggest handicap to producing clean milk in the summer.

Good Water

One of the requisites for a good dairy farm is a satisfactory water supply. Many farmers have a good water supply but fail to make the best use of it. On the other hand, many have ample water but find that it is not cool enough during the hot

summer months to bring the temperature down when it is most important to keep the milk cool and check bacterial development.

The inspectors in B.C. have found a number of cases where farmers have tried to cool their milk with water that has a temperature of 65 degrees or over. No matter what they do they have little chance of getting the milk temperature much below the 65 degree mark and at that point the bacteria continue to multiply rapidly. By the time the milk reaches the dairy the following morning it is showing signs of souring. The grader sets it aside for manufacture and the end result is a lower milk check.

Where the water supply can not provide a means to get the temperature of the milk down quickly to 45 degrees or less, the inspectors have been recommending the installation of cooling equipment operated by gas or electricity. That, they point out, requires a bit of expense but if the producer is shipping any quantity of milk the cost is justified.

There have been a few cases where milk has been handled in a careless manner. There is a rare instance where the farmer has taken no precaution to preserve the good quality of the milk; where the bacterial count is high to begin with and with insufficient cooling the contamination has grown rapidly. In most cases though, the farmer has missed out on one or two essential points which will help to keep the milk sweet and clean.

Aside from a few insignificant sources of contamination which are found on rare occasion, here is the way the inspectors place the cause for sour milk: Improper cleansing of equipment, infection of one or more quarters in one or several cows in the herd, improper cooling and holding of milk before it gets to the dairy. In the summer time this latter reason heads the list.

Cooling in itself will not kill the bacteria which cause the souring of milk. All that cooling can do is to restrict their growth. They multiply very slowly around 40 degrees, rapidly at 65 to 70 degrees and at body temperature, once the milk is in the can, the bacteria may multiply so rapidly that the milk could develop sourness within a matter of a few hours.

Watch Details

Experience shows that with a little attention to details of cooling and handling of milk on the farm, most shippers can maintain the high quality of the product throughout the year, even during the hottest part of the summer.

One of the larger milk shippers of the Fraser Valley was recently called away from the farm on business. He left instructions about the milking with the hired hand, but on his return two weeks later he had a notice from the dairy that his milk was down in grade. That meant that all



"Hey Fellas, you forgot the piano."

of his milk would be cut to manufactured grade unless the trouble was cleaned up quickly. He called the inspector and together they checked every point along the line.

The cows' udders had been washed and dried as usual, apparently clean utensils were used for milking, and the milk put over a brine cooler which reduced the temperature to 40 degrees. The milk was held at that temperature until the milk truck called the following morning.

There was no accounting for the low grade when the milk reached the dairy until — the inspector checked the milking machine. The farmer had omitted to warn the man about cleansing the tubes. They had not been touched for over 3 weeks and sufficient bacteria were getting into the milk to cause souring before the evening milk could be delivered to the plant. The trouble was soon corrected.

Adding morning milk to a part can from the night before is common practice. It is a dangerous thing to do the inspectors claim unless the milk is cooled first. Otherwise the entire can may be sour on delivery. Often they find the milk can being taken into the barn and filled before any attempt is made to start the cooling. They recommend keeping the can in a cold water tank and adding the milk and stirring frequently to get the temperature down as soon as possible. Another hint they pass along is to leave the lid of the can loose until ready for shipping. That allows many off odors to escape.

Clean utensils are important, washing the udder before milking is a sound practice to follow but there is still danger of dropping in grade if the milk is not cooled quickly and kept cool. Once that practice is followed the inspectors claim that the milk will retain top quality and not even a thunderstorm will cause it to sour.

That, by the way, is simply a myth which has been handed down from one generation to another. No thunderstorm can exert any power to change the quality of milk or cream. If the story was true, then dairies all over the country would soon go broke — they deliver milk to cities each day and it stands on porches throughout lightning and thunderstorms without suffering in quality.

Before a thunderstorm the humidity is high and the temperature higher than usual. Should milk or cream be sitting in that atmosphere it will rise in temperature and the bacteria will multiply faster. That causes the milk to sour — not the storm.

Keep the temperature of milk down, say the inspectors — and you can match the record of the 3,000 shippers of the F.V.M.P.A. and have almost 100-per cent grade "A" milk in the hottest part of summer.

Answers to Canadian Quiz

By GEOFFREY SHAWCROSS

1. Marquette, Joliet, La Salle, and Tonty.
2. Between two tiny islands in the St. Lawrence, the left one being American and the other Canadian.
3. About 200,000 square miles.
4. The Intercolonial Railway.
5. In 1876.
6. 1,309,000 square miles.
7. In 1869.
8. Sir Alexander Mackenzie.
9. Air Chief Marshal Lloyd S. Breadner.
10. The British Commonwealth Air Training Plan.

Farm Service Facts

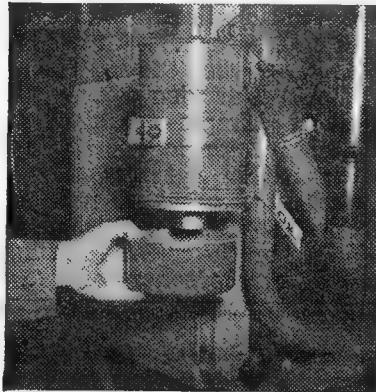
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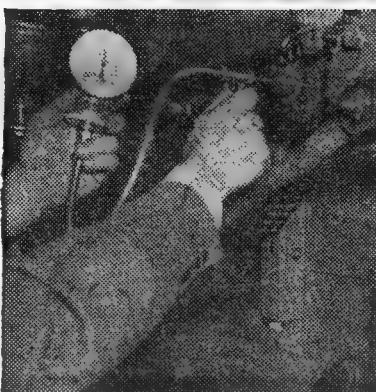
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HOW TO GET BETTER SERVICE FROM YOUR COMBINE

A year ago Farm Service Facts was devoted to overhauling the combine. In this issue we are offering our readers tips on combine maintenance and operation. The following information deals with a few of the things that are sometimes overlooked and is based on the experience of farm machinery service engineers over a period of years.

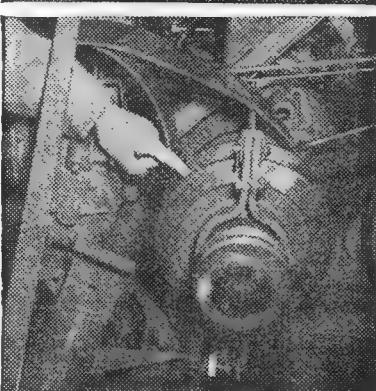


Care of the Air Cleaner
Tests on farm tractors indicate that without an air cleaner a tractor engine would be ruined in fifteen hours. Combines operate under even more dusty conditions. That is why daily servicing of both the air cleaner and the screen on the intake pipe is so important. It is also important to check the connections between the air cleaner and the carburetor every few days, as any dust-laden air which bypasses the air cleaner will greatly accelerate engine wear. The body of the air cleaner should be washed out periodically.



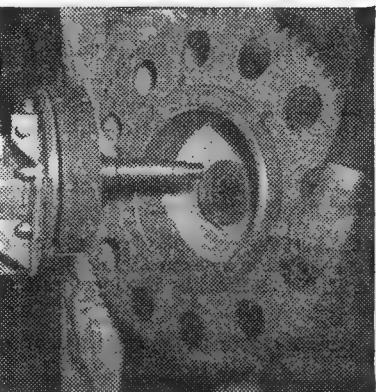
Cylinder Speed and Concave Adjustment

A speed indicator of some kind is a necessity on every combine. Too low cylinder speed will result in poor cleaning, loss of grain, failure to thresh grain from the heads, or overloading of the entire machine. Too high cylinder speed will result in cracking, loss of grain through bouncing, and excessive wear of the whole machine. Adjust concave as low as possible, so long as the grain is being threshed out of the heads. In one test the correct cylinder speed and concave adjustment lowered grain loss from 283.4 lbs. per acre to 14.2 lbs.



Traction Belt Pulley— and Slip Clutches

All V-belt pulleys (and particularly the traction belt pulley on self-propelled combines) become highly polished during use. In storage they frequently rust. Unless the polished parts are cleaned thoroughly before use, the rust-pitted surfaces will greatly increase V-belt wear. (To prevent rusting during storage, protect pulleys with a rust preventive.) If slip clutch facings are in good shape they should be taken apart and all dirt, grease or rust washed out. Adjust the spring tension tight enough to carry a slight overload without slipping.



Front Wheel Lubrication

Instruction books call for yearly lubrication of front wheel bearings. Just as it is important to force out old grease from all the working parts of the combine after storage, it is equally important to remove old grease from front wheel bearings. Wash out the bearings, dry, and repack with fresh grease.

Do not overgrease as excess grease will affect the operation of the brakes. Overgreasing is also undesirable around V-belts as grease which is thrown off will quickly rot belts made of rubber.

General Tips on Engine Care

A check-up of the engine each season will save money. Timing of the ignition system particularly tends to get later as the engine wears. If not corrected, the engine will run hot and lack power. Some equipment dealers provide a complete combine check-up service.

Cleaning the engine and radiator with a good stiff broom will help to keep the engine running at proper temperature. Regular change of oil and servicing of the oil filter will lengthen engine life. Oil filters prolong engine life but oil will not last indefinitely.

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4. Because the Wheat Pools are mainly responsible in keeping down the cost of handling grain. Such costs are remarkably low, probably the lowest in the world. This is a tribute to the effectiveness of farm co-operation.
5. Because the business operations of the Alberta Wheat Pool are an "open book". Pool members may obtain the fullest information concerning the operations of their organization through their elected delegates and directors.
6. Because the co-operative principle of "each for all and all for each" is the co-operative ideal which aims at spreading economic justice throughout the nation and throughout the world.
7. Because it is of vital importance to Alberta grain producers that a strong co-operative elevator system should flourish in this province. It is essential that such an elevator system should be under the control of Alberta grain producers — the men who are actually following the occupation of farming.
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Changing fashions in war make prisoner problem tough

By BEN MALKIN

THE large prisoner-of-war compounds on Koje Island, off the coast of Korea, each holding thousands of men, have now been broken up into smaller, more manageable groups. Altogether, more than 80,000 men were involved. Before the movement was over, troops of several members of the United Nations were on guard duty—The United States, Britain, Canada, Greece.

The whole incident brought to a head the question of how to deal with prisoners of war. In the nationalist wars of the 19th and 18th centuries, the problem used to be easy. The First World War also offered a relatively simple problem. But modern, ideological wars that cut across national lines have presented a whole new set of questions that require new answers on the question of how to deal with prisoners of war.

Formerly, it was considered that all prisoners coming from the same country were friends, and all would want to go home after the war, for wars were fought between nations, not between ideological groups. Even as late as 1949, when the new Geneva Convention was signed, it was agreed that prisoners should be automatically repatriated after hostilities ceased.

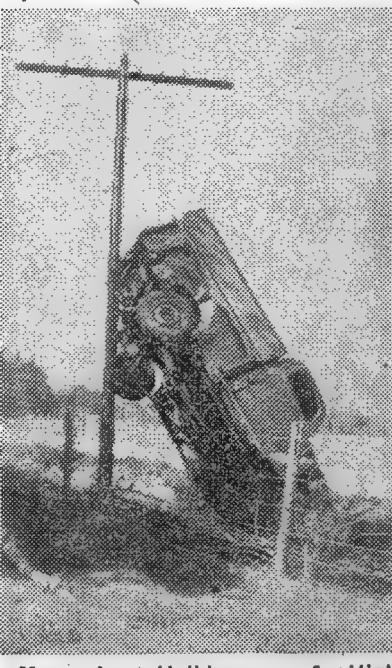
Out of Date

The Korean war has proved that this concept is completely out of date. Early in the war, the United Nations found that a number of the North Koreans and Chinese, whom they held prisoner didn't want to go home after the war. That is to say, they didn't want to go back to China or North Korea. To them, home was not where their native land was; instead, home was where their beliefs lay.

One of the conditions the United Nations have therefore laid down for a truce is that no prisoner who didn't want to be repatriated should have to go back to his own country. Prisoners in U.N. hands were screened, and it was found that 62,000 didn't want to return home. The Communists for a long time rejected that figure, and wouldn't agree to a truce because the U.N. refused to repatriate that many men.

Was the U.N. breaking the Geneva Convention when it refused to repatriate the prisoners? There is legal opinion which holds that the Convention was being upheld by this action. As one writer in The Economist, a London publication, pointed out, the intention of the Convention was to protect individuals, not governments. The reason why the repatriation clause had been inserted was to prevent prisoners

Up a Pole



Mrs. Joe Halldorson of High Prairie got this unusual shot of a truck up a power pole on the Grouard Road.

from being held against their will after a war, as German and Japanese prisoners were held by Russia after World War II. By the same reasoning, prisoners should not be repatriated against their will, provided it was satisfactorily proved that they were genuinely seeking political asylum, and could, therefore, be regarded as refugees, rather than prisoners.

New Concept

If the rights of the individual should rise above the rights of the state, then the U.N. was quite justified in refusing to repatriate the prisoners who refused to return home. In this action, all the U.N. members seemed generally agreed.

But it opened up a whole new concept of warfare as a conflict between ideologies, rather than between nations. Koje advanced that concept a little farther.

Much of the trouble on Koje was due not only to the defiance which prisoners showed against their guards, but as well to the fact that in each compound they had set up little police states modelled after those run by their governments in China and North Korea. Well-organized, highly-disciplined Communist officers ran the compounds, and ruthlessly suppressed political opponents of Communism. They set up courts and executioners. Anti-Communists were tortured and murdered, and in general reduced to a state of terror. So

even in the compounds, the ideological war went on. It was not a national war at all, for men of the same nation fought each other.

This means that the old system of putting all prisoners of one nation together won't work any more. It means, too, that not all men of a nation with whom the West might be fighting would be enemies. Many might be friends, ready to fight with the West for ideological reasons.

The Canadian part in the Koje incident was small, but because Canada told the United States that Ottawa should have been consulted before Canadian troops were taken away from their parent unit, it got a lot of publicity. However, in this instance Canada may have been protesting unnecessarily.

After all, guarding of the prisoners on Koje was a U.N. responsibility, and Canada as a member of the U.N. with forces in Korea, had to share in that responsibility. Withdrawal of a company from the Canadian brigade wouldn't break up the identity of the brigade. However, since Canada — and Britain — had to share in the consequences of mistakes made by the U.N. command on Koje, these countries might have been given a bigger share, along with the Americans, of the responsibility for making policy. As one British publication put it: No slander without representation.

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You don't need rocks to build a good dam

By EMIL LORENTSON, Bindloss, Aluta.

I STARTED my dam with a wheelbarrow in 1912 and kept adding to it till 1928 and had eight acre feet of water held back. It was all done with a team and a scraper.

I got jacked up from the government for building a dam without a permit. I kissed the Bible to say I took my homestead for my own use so figured I had the right to pile up some mud of my own to hold some water.

There should have been thousands more built, but the Calamity Janes said, "The soil was so cracked it wouldn't hold water." "Snow water was no good to use." "The C.P.R. had lost millions on dams, etc."

Some people say they can't built dams because they have no stone. One doesn't need stones. One of my dams is 40 years old, another 23, another 10 years. I only used a few stones at spill-way end. Two men have to work hard to get in 10 yards of stones in one day. The same men can bring in 100 yards of mud with 6 horses or a tractor. So its better to make the front slope a gradual or lazy one, and when made from earth it can be sown to grass.

It is always wise to make the

whole dam higher and thicker than recommended by engineers. Twelve feet across on top is not too wide.

If the dam leaks at the start, disc the bottom as the water recedes. Run over it with a lug tractor and let stock trample the bottom. My dams have given tens of thousands of stock waterings to neighbor's stock besides my own, as well as hundreds of tanks of water for the old steamers.

The sides of dug-outs should be on a lazy slope, too. It costs more to keep a straight wall and the straight wall makes a death trap for stock and kids in swimming.

If the walls are made on a slope they can be disced and the sediment will settle in and make them tight. Then the bulldozer can push the mud out three ways and do it cheaper.

When the people get re-educated to the value of snow moisture there can be hundreds of thousands of little flood or irrigation projects by small dams; and an acre here and there for feed made with just a furrow or two thrown together will help in so many ways that it will make the St. Mary dam a miniature project.

We Started Something . . .

The publication of the story of Henry Dosch's dam in the May issue of the Farm and Ranch struck a responsive chord with our readers. Here's another farmer who started water conservation in the old homestead days and has seen his hard work crowned with success. We'd like to hear from our Saskatchewan and Manitoba readers, too.

The Editor:



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Fighting Rats

Had rats everywhere in late fall, but with Warfarin got completely rid of 'em. Kept bait in every building where they would come in. When warm weather came I picked up two dead rats. These two had just arrived; clear of 'em again—and we have all cement foundations.

This is my suggestion. Put on gloves. Take an ordinary tobacco can, two-thirds fill it with rolled oats. Cut piece of cheese or butter in very small pieces. Put these on top of rolled oats. Pour in your Warfarin—and mix well.

Cut a hole in the top of an apple box—big enough for a rat. Place bait on floor in corner and place box over it. Place heavy irons or stones so it can't be moved. Leave it there all the time. T. B. Millar.

Saltcoats, Sask.

Last Word from Mr. Einarson

To the Editor:

This is to thank you most sincerely for printing my letter, and, as I find it impossible to answer all the letters received regarding that letter, I would be not only pleased but grateful if you would print my thanks to all the good people that sent me letters as well as the ones giving their views in your paper.

Some of the letters ran to nine pages of close typewriting.

In short, that letter brought me greater return than any other endeavour ever did.

Letters and books came from all the western provinces and Ontario. Bible students and Christian Hebrew Association in the U.S.A., and five associations in Canada were all willing to spend their good money to try to get me, the lost wether, to a fold.

My new friends are all concerned about the hereafter. They show more variety of color than Joseph's coat. One quotes some Lady Blount to prove that the earth is flat and stationary in the firmament and held up by the dome above, with all the people in it called stars.

Six letters tell me, that to worship or pray on other days than Saturdays is no good, and quote 17 different numbers from the Good Book to prove that God is not committed to listen any other day.

Others tell me that Jesus is the one we must look to for our blessings, that we are in his department and would do well to remember, that the Father and the Holy Ghost have their departments and do not take kindly to things being confused; hence the mess this world is in.

Others read signs by falling stars and general disorder in the universe that this earth is not going to be with us much longer.

Nine letters insist that every vicious attack on the Holy Church strengthens it through the divine righteous anger it arouses in the faithful, and state that my trespasses will be pun-

ished when I least expect; that the Lord's patience is long but has limits in cases of those that hold hogwash superior to holy water for cleansing.

Thanks, folks: Had to let you know I read your favours. Hoping the earth will stay in its orbit long enough for me to be planted in comfort; so hang on tight all of you that think there is going to be a crash.

Gestur Einarson.

Westbourne, Alta.

Editor's Note: This correspondence is now closed.

Keeping the Sabbath

To the Editor:

There seems to be some confusion yet as to whether we have the right to keep Sunday holy.

It was started by the apostles in remembrance of Christ's Resurrection and to distinguish the new Church from the old.

Don't blame poor Constantine for it. He only made it into a public holiday.

Many other customs of the old Jewish law were done away with, such as the circumcision and the offering of bloody sacrifices. The people were also permitted to eat the flesh of what used to be called unclean animals such as pigs.

You may well wonder how Christ's Church dared to make such sweeping changes but rest assured that it was all according to the will of God; for did not Christ say He was building His Church on a rock against which the gates of hell would not prevail, also that He would send it the Holy Ghost the Spirit of Truth who would teach it all things and abide with it forever.

Celine De Neve.

RR 3, Salmon Arm, B.C.

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In Bonham, Texas, Justice of the Peace W. E. Keeton fined a defendant on a bad-check charge, accepted in payment a check which was duly returned marked "Insufficient funds."

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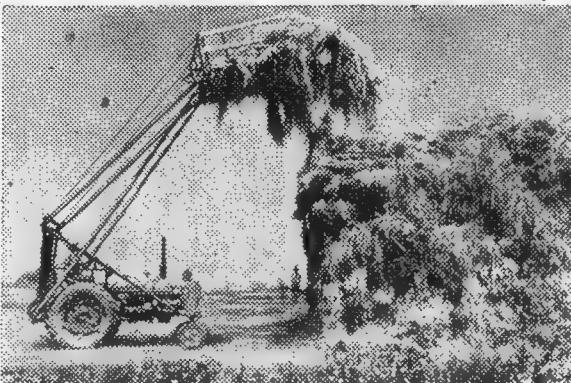
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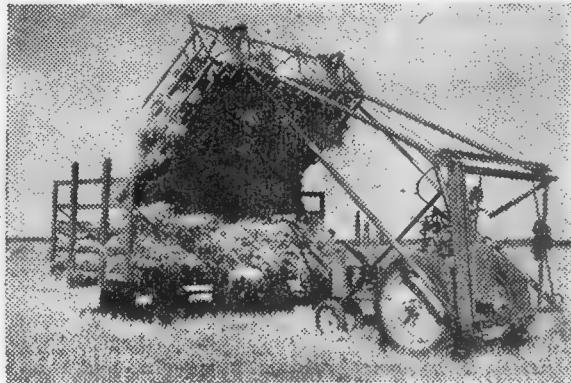
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When our mother pig had little pigs, we put a heat bulb above a special place for the little ones. Soon our cat found out how warm it is under the bulb, and after she learned that, she always sleeps with the pigs where it is warm.

Martha Rempel.
No. 46, Austin, Man.

Last winter a friend of mine found a little snow bird. He gave it to me because it had a broken wing. And I brought it home and put it in a box. We fed him oatmeal and scraps of meat. We let it drink out of a saucer of water. It was very wild at first, but it got tamer as time passed. It pecked grain out of my dad's pant cuffs when he sat at the table. He used to try to chase my six-year-old sisters when he got mad at them. His wing never got better. We had him for three months when he met with an accident and died.

Marvin Westin.
R.R. 3, Calmar, Alta.

One day, while my brother and I were working in the field, we had left our lunch home for our older brother to bring it with his pony and cart. When he came he put it at the end of the field, tying his pony to a nearby tree. When I reached the cart I saw the lunch was gone. The pony had made use of all the sandwiches, only a few cookies were left.

Buck Nowosad.
Carrot Creek, Sask.

For three consecutive years, two bluebirds made their nest in our barn in a hole made by a woodpecker. Our barn has two sets of boards, one on each side of the scantling and there's braces in between the scantlings every two feet, but, some how a baby bluebird fell in between the boards and my brother Harry and I had to break the outside board to get the bird out. The poor bird flew away happily when we got him out. It's a great pleasure to watch birds bringing food for their young. I'm waiting this spring to meet these pretty birds again.

Steve Lesiuk.

Candiac, Sask.

One morning while our hired man and I were out in our back eighty we came across this one bundle of sheaves, as we lifted it up out came a grey streak and started across the field. Joe stepped back and watched it go, but as soon as I seen it I was out across the field and after it. When I was almost upon it, it stopped and I tripped over it. When I heard it I knew right away what it was—a baby rabbit. He ran into a little bit of brush and that was where I caught it, very, very frightened. I picked the little fellow up and carried him back to Joe who was sitting down laughing at me. He said that I could go home with it if I wanted so I started out. When I got to my bike I put him in the basket and wrapped my coat around him. It sure didn't take me very long to get home. When I got home



he was still safe and sound. That night I built a house for him made of screen. From then on he lived on lettuce and a few heads of wheat. I wasn't home when he died, two weeks from then, but my dog, Happy, made a good grave for him. I hope to find more wild life in the future, but I will have sense enough not to keep them captive, but just tame them.

Arthur Atkinson.
Box 1, Valparaiso, Sask.

I live on a farm and we had three geese. They always slept in between the barns. One night in the fall we heard the dog bark and bark. Next morning one of the geese was gone. That night the other goose and gander came up to the back door and would have come right into the house if we had let them. Mother said they were frightened, so she and I picked them up and put them in the chicken coop. After a week all we had to do was call them and they would come to the coop. Later I found the feathers of the other goose where the coyote had taken her to eat.

Harvey Sterling.
Westlock, Alberta.

One day last week I stood on the doorstep watching a hen carry a rubber sealer ring in her mouth. I wondered what she was going to do with it. She kept swallowing until she got it down. I never would have believed she would eat it if I hadn't seen her.

Morris Beattie.
New Osgoode, Sask.

We had an orphan pig and it was quite a large one, but it was quite a bad pig, too. It used to get the screen door open and come right in the house no matter what hour of the night it was. Because it was raised on a bottle. We had to keep it in the house when it was small.

Lloyd De Bruin.
Birch River, Man.

One of our neighbors had a little pet barn owl. They found it lying on the ground by the house. It was alive but seemed hurt. They took it in the house and put it in a box. It soon got hungry and they fed it bread crumbs and insects. He got so tame he would fly around the house and light on anyone's shoulder. We called him "Pretty Boy" because he had such long eye lashes. He would fly around all day outside and in. At night he used to crawl into the lamp globe. I don't know why he chose such a funny place to spend the night. At last he grew so big he stuck in the globe and broke it getting out. He got an awful scare when it fell and broke with him inside it. That day he flew away and never came back.

Joyce Durling.
Westlock, Alberta.

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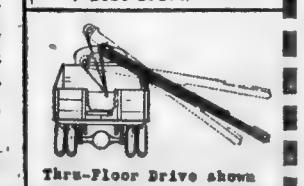
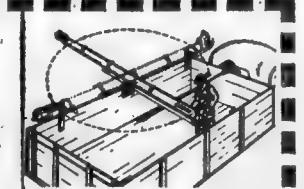
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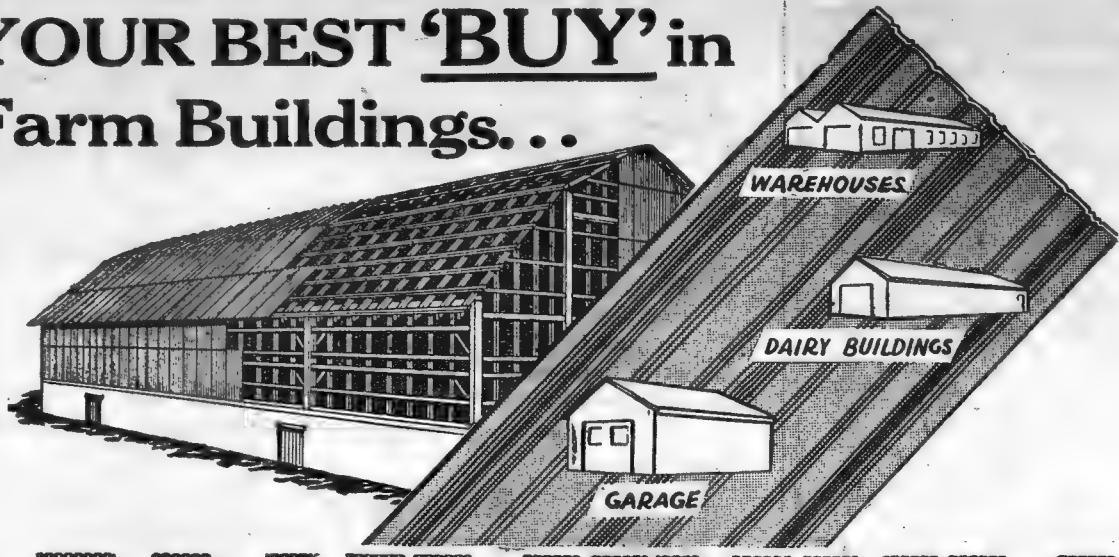
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LTD.

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'I Remember...'

Long Trip

I REMEMBER when I was a lad of 10 or 11, my parents sent me from South Cooking Lake to Edmonton for groceries. It was around 35 miles one way. I used to make the trip with my dog, Curly, which was a St. Bernard. The road was just a bush trail then. I used to leave at 9:00 in the morning and get back around supper time the same night. Now they have changed the road by shortening it. It is now around 18 miles to South Cooking Lake. It is also paved. You can make the trip in about 20 minutes by bus.

H. M. Kephart.
South Cooking Lake, Alta.

Rattler in Bed

Once a long time ago at Bow Island, Alta., our house burnt down late in the afternoon. We had no place to sleep. Except on some hay left in a shed. We all huddled together for warmth the best we could for one night. The next day I thought it good to change and put in some fresh hay to sleep on that wasn't so dusty. So I took a fork and began to throw it out. All at once I heard a thud on the floor, and there a large rattle snake had been hidden for warmth in the hay. Quickly I jabbed the fork into it before it could coil up and strike. It was the end of that snake. We made other arrangements to sleep that night. Some long ago neighbors will remember this, maybe you'll write.

Mrs. Andrew Anderson.
Falun, Alta.

No Chance of a Ride

I remember well in 1922 living in British Columbia, my husband had taken a log contract.

Two of us families each with three small children, built log cabins and lived there for two years.

A creek of soft water ran close by. Every night a mother deer and little one came to drink water.

The children would feed her oats. The first town called Yahk was six miles away.

Mr. and Mrs. Ben Meister and ourselves were very friendly.

We women would take a day off once in a while and walk the track to Yahk, after having a good hotel dinner, we did our shopping.

Returning home, again, we walked the track with our bundles.

Freight trains did come for ties, pulpwood and logs, but passengers were not allowed.

No chance of thumbing a truck ride like now-a-days.

Mrs. A. Lagace.

Guy, Alta.

Aunt Sal suggests . . .

*July can be a trying month,
With heat and winds and
such;
Let's speak of hints . . . though
small they be,
I hope they'll help you much.*

A FEW months back I chided you for not rushing to the rescue of the young farm wife who wanted ideas on furnishing her living room at the lowest possible cost. Since that time you readers have done nobly by her (I've forwarded many fine letters to her). I had hoped to be able to include more of these letters in this column, but the space has a way of evaporating, so I'll just give a few short interesting quotes from Mrs. S. R. D., of Maple Creek, Sask., who sent in the grandest letter ever!

If the woodwork is good, leave it alone, as changing it would only entail extra money and work. However, enamelled in ivory, pale green or yellow it would give light and brightness to the room.

If in doubt as to how to dress the windows, choose unbleached cotton. It can be trimmed with ball trimming . . . Fish netting, too, is very cheap and comes in extra wide material. Soft wood is better enamelled . . . hard wood finished to bring out the grain. Braided rugs, knitted car-cushions (stuffed with chicken feathers), embroidered samplers can all be made by hand at little cost and add much to the hominess of a room.

So many readers sent in fine home-tested ideas the past month that I feel I just must pass them on to the rest of you. So how about calling this: **FROM YOU TO YOU.**

Mrs. F. A. of Millet, Alta., writes: "When covering coat or dress hangers use cotton instead of wool and the moths will not camp in them."

Mrs. H. F. M. of Sundre, Alta., writes: "I have canned spaghetti in with the sauce for years this way. Cook 7 cups spaghetti until tender. Fry 3 cups of diced bacon also one onion. Add to cooked spaghetti . . . also add the bacon fat, two cans of tomato soup, salt and pepper to taste. Process the jars 2 hours. This amount makes 5 pints and 2 quarts. This is much cheaper than buying it prepared at store and I've never had a jar spoil."

Mrs. L. E. G. writes: "Regarding Mrs. N. A. L.'s, Fairview, request for pine cones, we grow them here in all sizes and I'd be pleased to send her some."

Mrs. H. Young, Viewfield, Sask., writes of their experiences in raising peacocks. So those of you who have written in questions about peacock feathers and pea hen eggs, etc., had

better write Mrs. Young and ask her those questions. Be sure to enclose a stamped envelope. (It isn't often I affix a person's whole name and address but in this case I'm sure the writer does not mind.)

I have a confession to make, I've lost a letter. It was from Miss M. B., Sask., and she wished the embroidered pattern showing peacocks for chair sets, etc. I inserted this in a daily paper for which I write and secured the offer of the help Miss M. B. wanted, but now . . . woe to me I've lost her letter. If she sees this, will she please write in to me again?

Mrs. H. A. H. of Winnipeg, Man., returned the wedding cake bulletin that I'd loaned her to help her with a wedding cake she made and decorated. I was happy to read the note attached which ran: "The copy was very helpful and the cake turned out perfectly." Hurrah! This bulletin I'm referring to came from the Canadian Home Journal magazine, Toronto, and is about the best I've seen. I think it only cost a stamped, self-addressed envelope. Even in these days of high costs, there are so many things that only cost a stamp!

Now here's a recipe that is new to me and I counted it very tasty. A new way to serve carrots for a change.

Lemon Glazed Carrots

Cook one pound whole, scraped carrots until tender in a covered skillet. Drain and add these: $\frac{1}{2}$ cup sugar combined with juice and grated rind of one lemon and 2 tbsps. butter. Heat slowly uncovered until carrots are glazed.

Bye bye for now . . . and every good wish.

Aunt Sal.

□ □ □

Farm Facts

By LOUISE PRICE BELL

"God Speed The Plough!" be this the prayer
To find its echo everywhere."

—Eliza Cook,
God Speed The Plough.

"When tillage begins, other arts follow. The farmers therefore are the founders of human civilization." —Daniel Webster.

"The agricultural population, says Cato, produces the bravest men, the most valiant soldiers, and a class of citizens the least given of all to evil designs." —Pilny the Elder, *Natural History.* "Wisdom, Power and Goodness meet

In the Bounteous field of wheat." —Hannah F. Gould, *The Wheat-field.*

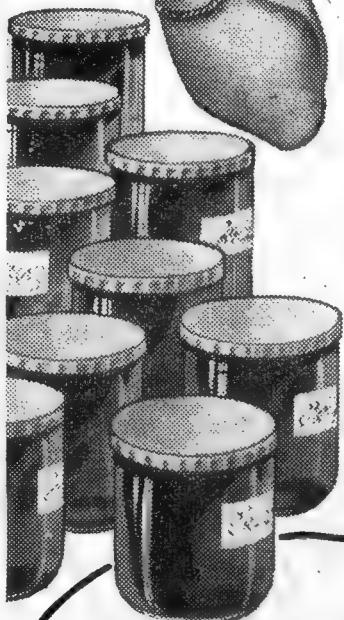
"Commerce may well be termed the younger sister for, in all emergencies she looks to agriculture both for defense and supply." —C. C. Colton

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proud to say
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equally good results



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every bottle and in every package. Each type has special recipes which must be followed. They are not interchangeable.

Let's Ask Aunt Sal...

THIS past month there were three questions that one could readily name the favorite trio. They were (1) recipe for Air Buns, (2) recipe for canned peppers, (3) address of a place where one could buy Mrs. Beaton's cookbook. So, before we slip-up on these, we'll give them top billing.

Air Buns — This sounded much simpler than previous recipes. It states the yeast called for should be cake yeast, which is almost unobtainable. Some of you say you've had poor luck when using the quick yeast, while others liked it... so it goes.

This recipe was sent in by Mrs. F. R. B., Ft. Saskatchewan, Alberta: Soak a yeast cake in $\frac{1}{2}$ cup water, add 2 cups water and $\frac{3}{4}$ cup sugar. Add enough flour to make a soft batter. Let rise about 3 hrs. When light, add 3 cups water, 1 tsp. salt, 1 cup melted lard and mix stiff. Let rise until light in warm place. Then put in cool place. Bake when needed. Make into

buns and let rise about 2 hrs. When baked brush with milk or butter. Place about 2 inches apart in pans.

Canned Peppers (either red or green)

Remove the seed pod but do not peel vegetable. Boil 3 min. and pack tightly into clean jars. Fill to within $\frac{1}{2}$ inch of top with water in which they were pre-cooked or boiling water. Add one tsp. of salt to each quart jar if desired. Put on cap, screwing the band tight. Process in hot bath for two hours or 35 minutes (either pints or quarts) with ten-pound pressure in pressure cooker.

Q.: Where can I buy a copy of Mrs. Beaton's Cookbook?

A.: Mrs. G. H. of Strome, Alberta, writes in telling us that she bought her copy at A. H. Esch & Co., 10154 - 102nd St., Edmonton, Alta. She did not state the price.

Q.: I have tried for years to buy the item listed below: (1) Old-style metal hair curlers

shaped like a safety pin. They measure about 3 inches long and have this writing on them "West Electric hair curler made in Canada." Mrs. W. M., Lethbridge, Alta.

A.: How about it, readers? Any of you hoarding these and would like to sell them?

Q.: Rust stains from pins have been left on unbleached cloth... have used salts of lemon but will not yield. (Mrs. F. A.)

A.: Add a tsp. of borax or sodium carbonate to a pint of peroxide. Apply with a medicine dropper. Rinse at once with water.

Q.: I would very much like an instruction book for making luncheon cloth worked in cross-stitch in rose pattern. (Mrs. H. F. Slater, 675 Kildonan Drive, Winnipeg.)

A.: I hope that Mrs. S. does not mind that I've attached her full name and address so anyone who wishes to help her can write her directly.

Q.: I would like a recipe for pickled walnuts. I think that

these nuts should be best in June so this doesn't give you much time. Mrs. V. S., Ladysmith, B.C.

A.: Although this question is quite seasonal and rather local, still it is nice to have a few novel recipes for special occasions, and one can always buy a few nuts and pickle them.

Canned Walnuts

Place nut meats into clean jars screwing the tops tight. Process in oven using lowest possible heat for 45 minutes (for all sizes of jars).

To Pickle the Nuts: Make this syrup: 1 cup water, 6 cups sugar and 1 cup vinegar and small cheesecloth bag of mixed spice. Boil 5 minutes; pour over nuts and process the jars for 10 minutes.

Q.: What material could I use for stiffening goods in place of canvas? (Repeat.)

A.: On the advice of a dressmaker I suggested Tarlatan, but stated it only came in pale blue. Now, in a letter from Mrs. R. J. D. of Winnipeg, who was formerly a theatrical designer, I learn that this material comes in a wide range of colors and can be bought in the T. Eaton store in Winnipeg. (I couldn't find it in stores west of Winnipeg.)

Q.: Is there any way to take the stiffening out of men's shirt collars when the starch has been 'fused' in?

A.: I don't know of any... you might ask a chemist about this.

Q.: Is there some composition to apply on the back of a mirror at home?

A.: This question was handled last year and I did a lot of research on it but all the specialists told me this could not be done at home. Contact your nearest glass company and they do all mirrors over for quite a modest charge.

Mashed Potato Fondant (Requested recipe)

To 3 tbsps. hot mashed potatoes add one cup icing sugar and 2 tbsps. vanilla. Mix well, then keep adding icing sugar until stiff enough to make into balls.

Dip these balls into melted chocolate and then roll in coconut. They are often named SNOWBALLS. If these are stored away for two weeks they improve in flavour and are very creamy.

Note: — All readers are invited to send in their home-making problems to Aunt Sal, in care of the Farm and Ranch Review, Calgary. If you wish a private reply enclose a stamped, self-addressed envelope. There is no charge for this service.



CHASING a woman is fun. The trouble begins when you finally catch her.—Walnut Bureau.

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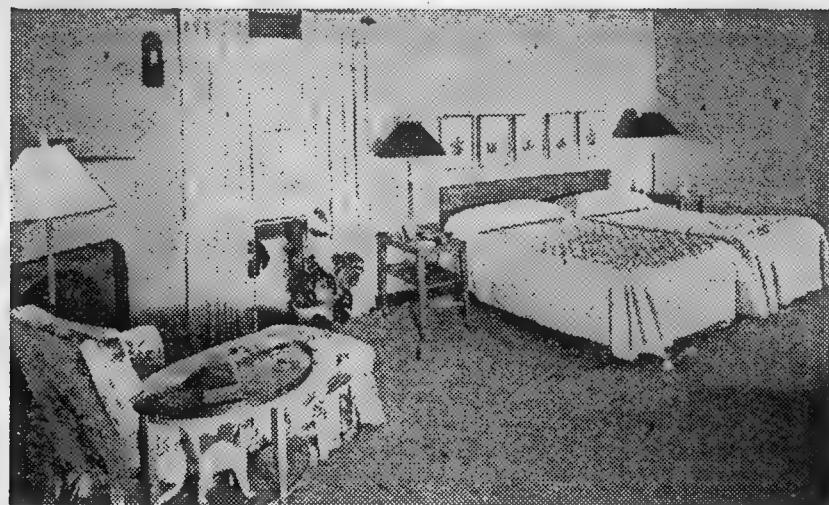
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Doing some decorating? Don't be a copy-cat!

By LOUISE PRICE BELL

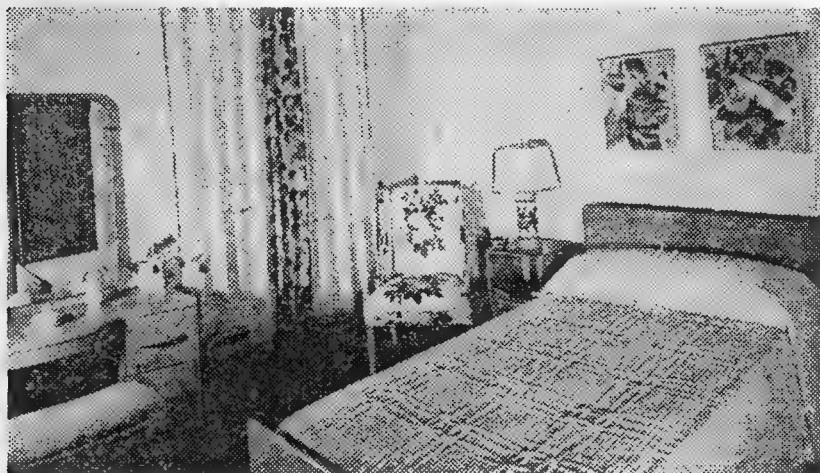


DON'T try to decorate your bedroom like Mrs. Brown did hers, or exactly like one you saw in a store window. Instead use the colors you like, the style of furniture that you and your husband prefer to any other kind. Hang the type of pictures that you will both enjoy, make curtains of material that not only is attractive to you but falls within your budget. Sometimes, extremely inexpensive curtains are more effective than those that cost twice as much. Not long ago, I saw some sunshine-yellow curtains in a bedroom and they made the room appear to be filled with sunshine even on the darkest day. The material was very sheer and when I asked the homemaker what it was she told me that it

was nothing but the best grade of cheesecloth! Theatrical gauze is another very inexpensive curtain material that is effective.

Very often curtains may be trimmed with contrasting materials that have been picked up on remnant counters and yet will add just the right amount of color to that part of the room where windows hold forth. Don't be afraid, either, to combine strips and floral patterns; they get along very well if the colors are the same.

Study the bedrooms shown; they are simple but "different"; and show plainer than words that any homemaker can create simple decorative effects with her home-sewing machine, a few remnants and some ideas and time of her own.



The Dishpan Philosopher

WHEN worries clutter up my day "this too shall pass" I always say. For one thing very sure I know — the day that comes will also go. Tomorrow, or next week, the things from which today's discomfort springs will seem so trivial that I'll find they never even cross my mind. I only wish I could arrange that pleasant things need never change. But in the course of time they too must pass away beyond our view. The nice things, though, leave many a thought to cheer along a hum-drum lot. It's really just when things go wrong "this too shall pass" helps one along.

"This too shall pass" — none knows just who first coined the phrase so starkly true. An ancient Indian king, some say! At least I'm glad it came my way. It builds a little bridge for me to hours from present worries free.

FANCY FARE!



Luscious Butterfly Buns

Treats like these come easy now—with speedy new DRY Yeast

If you bake at home—your yeast problems are ended! Never again find yourself out of yeast because it spoils so quickly. Never again worry if your yeast is fresh enough. This new fast-acting Dry Yeast keeps full strength in the cupboard—right till the moment you need it. No refrigeration needed!

It's the new Fleischmann's Fast Rising Dry Yeast! The modern form of Fleischmann's Yeast, relied on by three generations of Canadian women. No change in your recipes—just substitute one package of Fleischmann's new Dry Yeast for each cake of old-style yeast. Order a month's supply of Fleischmann's Fast Rising Dry Yeast.

BUTTERFLY BUNS

(Makes 20 Buns)

Scald

$\frac{3}{4}$ cup milk
 $\frac{1}{4}$ cup granulated sugar
 $\frac{1}{2}$ teaspoons salt
 $\frac{1}{4}$ cup shortening

Remove from heat and cool to lukewarm. In the meantime, measure into a large bowl

$\frac{1}{2}$ cup lukewarm water
1 teaspoon granulated sugar
and stir until sugar is dissolved.

Sprinkle with contents of
1 envelope Fleischmann's
Fast Rising Dry Yeast

Let stand 10 minutes, THEN stir well;
stir in cooled milk mixture and
1 well-beaten egg

Stir in

2 cups once-sifted bread flour
and beat until smooth; work in
 $2\frac{1}{2}$ cups once-sifted bread flour

Turn out on lightly-floured board and knead dough lightly until smooth and elastic. Place in greased bowl, brush top with melted butter or shortening. Cover and set dough in warm place, free from draught and let rise until doubled in bulk. While dough is rising, combine

$\frac{1}{2}$ cup brown sugar (lightly
pressed down)
 $1\frac{1}{2}$ teaspoons ground cinnamon
 $\frac{1}{2}$ cup washed and dried seedless
raisins
 $\frac{1}{4}$ cup chopped candied peels

Punch down dough and divide into 2 equal portions; form into smooth balls. Roll each





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Let children enjoy snacks!

By LOUISE PRICE BELL



YOUNGSTERS love to go into the kitchen and whip up a "yummy" chocolate milk-shake, a peanut-butter and jam sandwich . . . or some other favorite. Wise mothers allow this because such acts are a true part of the fun of home and family and the children whose mothers are afraid the kitchen will get a bit "messed up" miss a great deal of fun.

Why not plan to keep on hand a jar of home-made chocolate syrup so that the children can make their shakes in a jiffy? There's always milk in a family refrigerator and with the syrup on hand all that needs to be done is stir two tablespoons of the syrup into a glass of milk. For what the children call "super-dooper" milk shakes, a

scoop of ice cream may be added and on a hot day, could anything taste better, or be more nourishing and satisfying? In case you haven't a good recipe for a chocolate syrup to be used for shakes (and also for a sauce over ice cream and puddings) here's one that has been tested for you.

Chocolate Syrup

3 squares unsweetened chocolate
2/3 cup water
1/2 cup sugar
1/2 cup corn syrup
1/2 teaspoon vanilla

Put chocolate and water in pan and cook over low heat until thick and well blended, then add sugar and syrup, bring to a boil for four minutes, stirring. Cool and store in refrigerator.

Country Diary

JULY is the month that commemorates the birth of Julius Cæsar, and was named by himself for himself.

As July advances the prairie wears its heaviest dress, a deep green which is now woven and trimmed with color. Leaves have grown and branch and tip have spread their utmost. Wheat is turning to pale golden,

oats to ash-blond, barley remains a silvery green. Here and there in the patchwork are bits of yellow clover and purple alfalfa in the dairyman's pasture, a veritable Eden for the velvety bumbling bees.

Sometime in July comes a lull in the farming world when the big rush of seeding is over and summer-fallow is out of the way; an interlude between the heading of the grain and the not so distant harvest, a short period when the farmer feels he can relax for a couple of weeks, and in this year's case forget the recent misery of spring harvest and its ravaging confusion of mice. He likes to take his family to the city or the lake for a well-deserved holiday; and to make plans for taking in the agricultural fairs and picnics and also doing some long-promised visiting. Possibly the young folks see the opportunity for marrying and honeymooning. But there is never a total release from work on the farm. It

is "never done" as the old adage refers to the distaff side. Though, of course, the necessary chores can be done at leisure without the wrack of time pressure. Harvesting machinery must be overhauled in readiness for the annual job, and on a good many farms [belonging to the wise men] there is still the milking to be done twice daily, and eggs gathered and packed with special care at this time.

There are people who have to enjoy most of their summer at second-hand. They are not out in it day after day, and working inside walls they don't notice its passing. If one week on the calendar is different from any other week, it will only occur to them by the varying degrees of pressure under which they work. These people would welcome the chance to go berry-picking and get a real tan at the same time. The famous Isaac Newton once said of the strawberry, "Doubtless God could have made a better berry, but doubtless He never did." He was speaking of the cultivated berry, grown under nets, but had he tasted our Alberta wild variety he might have modified his opinion, for the little native, growing half-hidden in wayside grass and on the edge of ditches has a rich, sweet, full flavour unknown to the cultivated berry. We know well where to search in the sheltered spots spared from the plough, and springing up among the stumps of the chopped-out poplar bluffs, deep red raspberries are ripening in the hot July sun.

In July the floral ballet in the garden flashes its grace and brilliance, petunias, snapdragons, hollyhocks and a dozen more — a pleasure and delight to behold, and in daily use to express sympathy, love, gratitude.

MUSTARD
IS THE
Flavour Secret
OF THIS DELICIOUS
Mayonnaise Dressing

Into the well-beaten yolks of 2 eggs stir:

2 teaspoons Keen's Mustard
1 teaspoon salt
1 teaspoon powdered sugar
2 tablespoons lemon juice
1 1/2 to 2 cups salad oil

Add oil gradually while beating. If mixture thickens too quickly, add little more lemon juice then remainder of oil.

For free recipe booklet, write to Reckitt & Colman (Canada) Ltd., Station T, Montreal.

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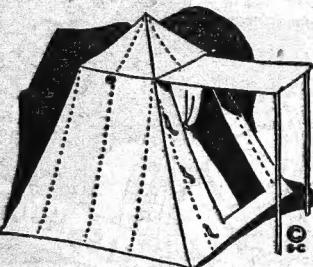
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ADDRESS —

UT-6-52

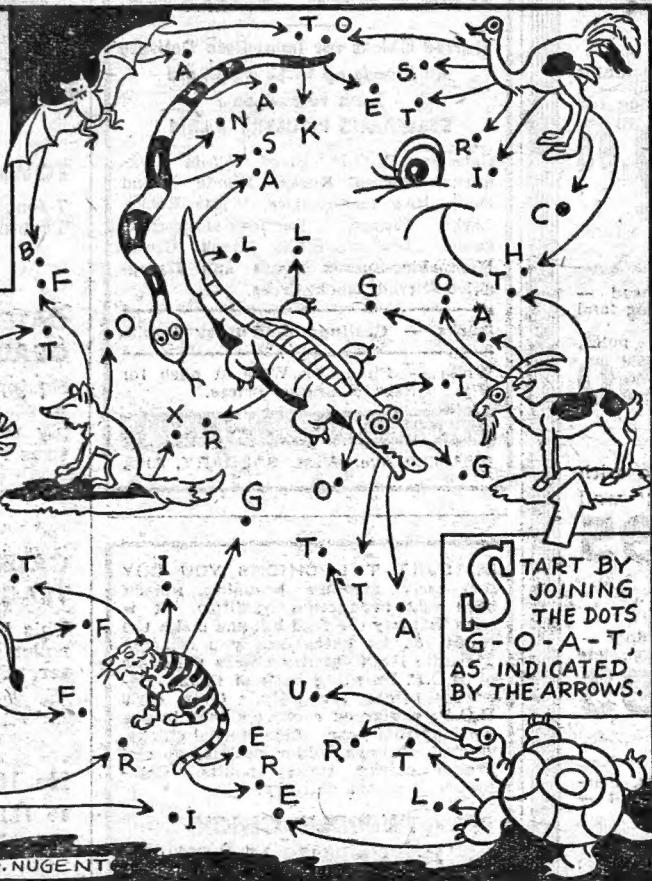
**UNION TRACTOR
AND EQUIPMENT CO. LTD.**

CALGARY
EDMONTON
RED DEER
GRIMSHAW
and DAWSON CREEK, B.C.

BUNLAND, THE FAMILY ENTERTAINER

BY
A.W.NUGENT
THE WORLD'S
LEADING
PUZZLEMAKER

SPELLING FUN
CONNECT THE DOTS NEAREST THE LETTERS, WHICH ARE NEEDED TO SPELL THE NAMES OF EACH CREATURE, TO DRAW A PICTURE OF THEIR JUNGLE FRIEND.



A.W.NUGENT

PICTURE 1 2 3 4 0 5 6 7 5 2 4 8

EACH OF THE ABOVE LETTERS IS REPRESENTED BY THE NUMBER UNDER IT. GUESS THE NAMES OF THE FIVE PICTURES AND WRITE THE CODE NUMBERS ON THE LINES AS INDICATED. ADD THEM TO SEE IF YOU ARRIVE AT THE CORRECT SOLUTION, WHICH IS 2,798.

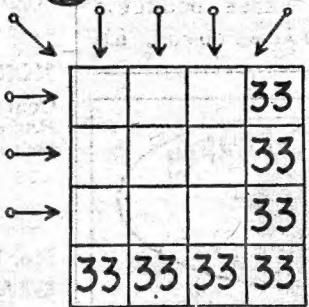


2,798



8 ROWS of 33

WRITE A NUMBER IN EACH BOX, FROM 1 TO 15, INCLUSIVE, SO ARRANGED THAT EACH OF THE 8 ROWS INDICATED, WILL TOTAL 33.



SOLUTION: READING ACROSS FROM THE TOP - 8, 13, 12, 15, 11, 7, 10, 9, 14.

TRY TO SPELL THREE FIVE-LETTER WORDS BY USING ALL THE LETTERS IN

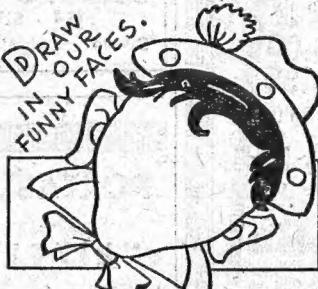
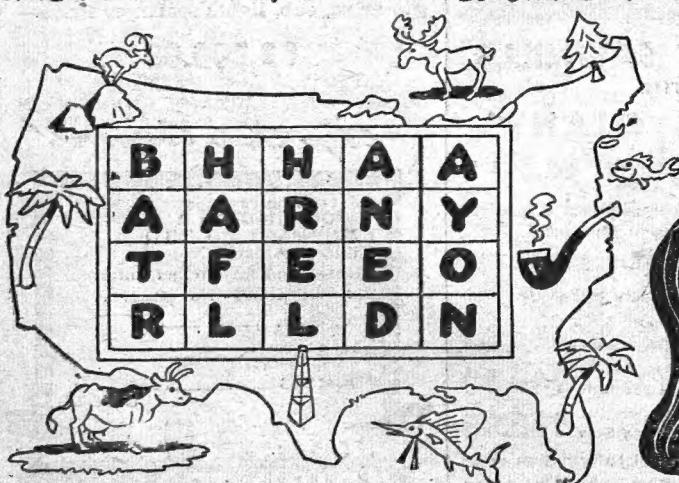


UPSE UP THESE 12 ALPHABETICAL NOODLES TO SPELL 3 SOUPS.



PEA, BEAN AND ONION. SOUP: HASTE, HATES AND HEATS.

CROSS OUT THE LETTERS NEEDED TO SPELL THE CAPITAL CITIES OF MONTANA AND NEW YORK STATES. THE REMAINING LETTERS, READING ACROSS IN THE BOXES, WILL SPELL ANOTHER CAPITAL CITY IN THE UNITED STATES.



SOLUTIONS
1. DREES; 2. APRON; 3. RIBBON; 4. SHOULDER; 5. FINGERS; 6. WHISKERS.

CITIES: 1. BOSTON; 2. NEW YORK; 3. PHILADELPHIA; 4. MONTANA; 5. DETROIT.

CAPITAL: 1. BOSTON; 2. NEW YORK; 3. PHILADELPHIA; 4. MONTANA; 5. DETROIT.

ARTITHMETIC: 1. 675; 2. 574; 3. 301; 4. 874; 5. 2798.

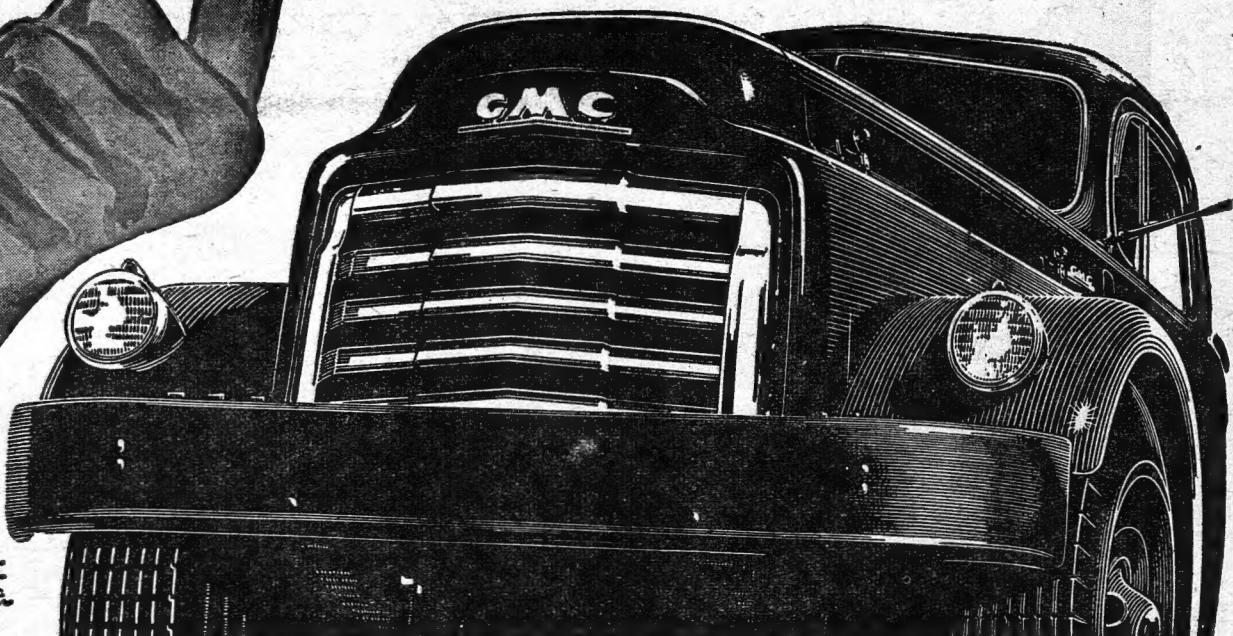
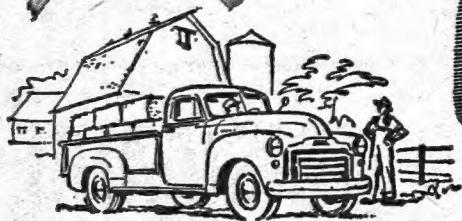
3 CITIES: 1. BOSTON; 2. NEW YORK; 3. PHILADELPHIA.

CITIES: 1. BOSTON; 2. NEW YORK; 3. PHILADELPHIA.



EX LIBRIS
UNIVERSITATIS
ALBERTENSIS

*"I've got a
real truck!"*



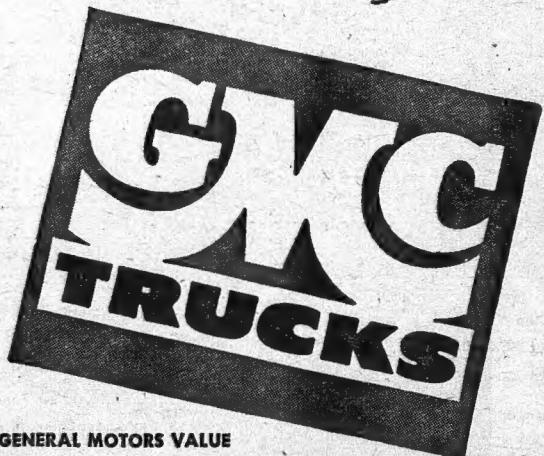
**OVER THE ROAD . . . OVER THE ROUGH
. . . GMC can take it!**

Whatever the load, whatever the job, men who really know trucks are turning more and more to GMC's for the *complete* answer to their needs. That's because GMC's are designed, built, powered and priced to be *real* trucks—to give you exactly the kind of economical performance and rugged dependability you require.

For instance, GMC gives you the widest range of truck engines in the industry—GMC valve-in-head gasoline engines from 92 to 200 H.P.—GMC exclusive two-cycle Diesels from 110 to 225 H.P.

What's more, GMC trucks combine the most modern advances in truck design with the ability to stand up to the toughest jobs. And they offer you the widest choice of models, wheelbases and GVW ratings—including two great new lines in the 19,500—45,000 GVW range.

Why not let your GMC dealer recommend a GMC truck, tractor or six-wheeler with exactly the right combination of engine, axle, transmission and frame for *your* particular job. It will be a *real* truck—in every single detail!



A GENERAL MOTORS VALUE

F52-GMC-2